



Rochester Institute of Technology

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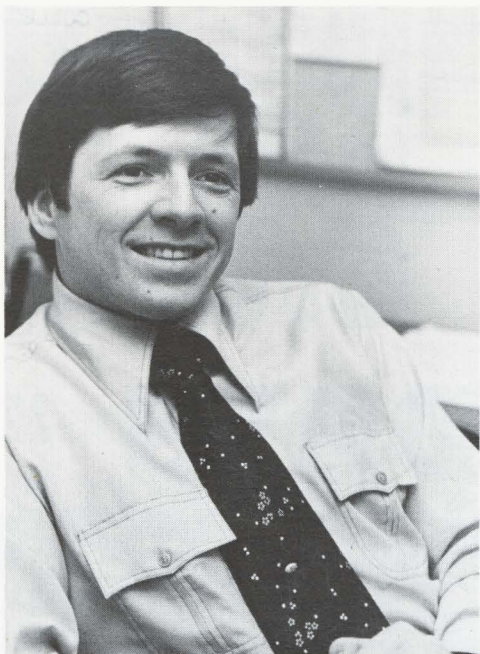
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# NEWS AND EVENTS

December 19- January 8, 1978

# HAPPY HOLIDAYS





### CLARK: NEW VETERANS AFFAIRS COORDINATOR

Gene Clark, the new coordinator for the Veterans Affairs Office, is dedicated to making life easier for veterans on the RIT campus. In addition to his paperwork duties, Clark also is trying to attract more veterans and related federal grant money to the Institute. An Air Force veteran, he is now a lieutenant in the Army National Guard.

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### EXCHANGE IDEAS

The Wallace Memorial Library staff recently held a reception to honor various Institute authors and award winners. The library staff also used the occasion to announce the distribution of the second edition of the library's bibliography *Faculty Writings and Achievements*.

## Reaching out to community

In addition to RIT's fine educational reputation, the Institute has established itself as a public resource by taking on many community obligations. RIT is once again responding to the needs of the community by serving as the training employer for a group of individuals selected by the Association for Retarded Citizens.

The Association for Retarded Citizens (ARC) serves a transient client population of 300 adult retardates. The majority of their clientele are presently unemployed and rely on public assistance in the form of income maintenance, Social Security, or Supplemental Security Income.

The ARC recently received a large grant through the Comprehensive Employment and Training Act (CETA) for the purpose of training 20 ARC clients. Funding will continue for one year.

Realistic vocational training is a necessity for the mentally retarded adult in securing competitive employment. Work experience in the community provides opportunity for the adult to become aware of and assimilated into the world of competitive employment.

The focus of the ARC/CETA Certificate Training Program will be on developing the skills of the mentally retarded adult to the entry level positions in competitive employment and specifically to expand the individual vocational opportunities for existing jobs, preparation for other programs, or further vocational training.

RIT will eventually train as many as 12 of the 20 selected grant participants. RIT is the first institution of higher education to be involved in a cooperative effort with ARC

and CETA. Other area colleges and businesses are now following RIT's example and will be training ARC clients.

Upon successful completion of the individual work experience, a graduation certificate will be awarded to the participant. This will be an indication of client capabilities within a specialized field of training, applicable to community expectations.

In addition to providing job supervision for the ARC clients, RIT will extend its obligations into other valuable support services. RIT has arranged for a tutoring program of individualized instruction through the Institute's Learning and Development Center. Tutoring will be available to participants one hour per day, five days a week.

The training certificate program is not the first cooperative endeavor which has been undertaken by RIT and ARC. During the past year, RIT trained a group of ARC clients. As a result of the training, several are now permanently employed by RIT; the others were able to secure jobs in local organizations. RIT was named "1976-77 Training Employer of the Year" in a citation awarded by the New York State Association for Retarded Citizens.

## RIT authors honored

On December 2, the librarians and staff of Wallace Memorial Library hosted a reception for RIT authors and achievers. The occasion was to give recognition to faculty authors, exhibitors, award winners, etc., and to announce the distribution of the second edition of the library's bibliography *Faculty Writings and Achievements*.

The first copy of this new edition was presented by Library Director Gary MacMillan to chairman of the Board of Trustees, Richard Eisenhart. In his brief remarks, Mr. Eisenhart said he was pleased to honor the faculty members for their "devotion to their individual works."

This second edition supercedes all previous supplements. Copies of the new bibliography were sent to each academic dean and various administrators. Because of its length, it was not possible to furnish each contributor with a copy as was done in the past. Two copies are also available in the library. This cumulative edition listed faculty accomplishments up to the middle of 1976. Supplement I will be completed later this year.

Faculty and administrators are urged to send notice of their awards, exhibits, patents, writings, etc., to Mrs. Gladys Taylor, compiler and archivist, for inclusion in future bibliographies. Whenever possible, the library would like to receive copies of faculty writings to keep on file in its archives collection. The records of faculty achievements are an important part of this collection.

## NEWS & NEWSMAKERS

**Herbert J. Mossien**, College of Business, recently spoke to the Rochester chapter of the American Marketing Association on "Monday Morning Motivators" and also addressed the Inter-State Circulation Managers Association in Ocean City, Maryland on "Management and Communications."

**Ralph H. Stearns**, Industrial Engineering Department, spoke on "Industrial Engineering Trends in Japan" at an Industrial Engineering Society and AIIE dinner meeting.

**Beverly J. Price**, Technical Science Department, represented the Empire State Association for Medical Technology on the Region I Council at a recent regional meeting of the society in Hartford, Connecticut.

**Gerald A. Takacs** was invited to present his paper on "Ultraviolet Photoabsorption Spectra of Some Molecules of Atmospheric Interest" in the Radiation Effects Symposium in honor of John E. Willard at the 174th American Chemical Society National Meeting in Chicago, Illinois.

**Major Richard Comiso** will serve as acting professor of military science, replacing Lt. Col. Raymond F. Humphrey who recently retired from this position.

The following members of the NTID Division of Management Services presented papers at the Annual Meeting of the New York State Sociological Society: **David L. Passmore**, "The Limits to Career Education Reform"; **William A. Welsh**, "A Generalized Methodology for Technology Transfer in Education"; **Michael Marron** and **Fred Wilson**, "Industries, Occupations, and Work Functions Entered by NTID Graduates."

**Don Bruening**, School of Photographic Arts and Sciences, was chosen to serve on the visiting inspection team for the Hallmark Institute of Photography, Turners Falls, Massachusetts, to review its educational program in professional photography.

Two faculty members from the Department of Biology recently presented papers at the fall meetings of the Rochester Academy of Science. **Russ Gardner** gave the "Effect of Hypothyroidism on the Uterine Response to Estrodiol in the Rat" and "Forest Replacement in the Byron-Bergen Swamp" was presented by **Franz Seischab**.

## CONTINUING EVENTS

to Dec. 23—Bevier Gallery. "International Miniature Print Exhibition" and "Traditions in American Basketry." Mon.—Thurs. 9 a.m. to 4 p.m. and 7 to 9 p.m.; Fri. 9 a.m. to 4 p.m.; Sat. 1 to 5 p.m.; Sun. 2 to 5 p.m.



### PART OF TEAM

Members of CCE's OEPD staff develop non-traditional courses designed to meet the specific needs of various groups in the community. Seated left to right are Dave Hooten, director; Dorothy Paynter, Bob Way, program consultants; Terry Cranson, facilities and arrangements specialist; Grace Law, urban community liaison. Missing is Jessie James, program consultant.

## CCE provides non traditional approach

It takes no more than a cursory glance at the CCE catalog to see that the college offers a wide range of traditional programs leading to degrees, diplomas and certificates.

In addition, CCE now offers an increasing number of special courses serving a broad spectrum of needs and interests. Included in these special offerings are seminars in managerial decision making, laser applications,

effective communication, maintenance of commercial vehicles and a series of art workshops and demonstrations.

These special credit and non-credit courses are made possible through the Office of External Program Development and Non-Traditional Studies (OEPD), established July 1, 1977.

Six stalwarts from CCE were assigned the task of program development. Dorothy Paynter, Bob Way and Jessie James are program consultants; Grace Law serves as urban community liaison; Terry Cranson is facilities and arrangements specialist and Dave Hooten doubles as director and fourth program consultant.

The OEPD enhances the historical mission of CCE by providing programming suited to the specific needs of various client groups in industry and in the community.

Members of the CCE staff have designated contacts off campus. Most often requests for courses are made through these contacts and the courses are tailor-made to suit their needs. In addition to requests, programs are proposed by RIT faculty members and CCE staff. Market analyses are done to determine if audiences exist for these proposed programs. In either case, courses offered relate to areas of expertise already developed by RIT.

At least three RIT people are involved in the development of each offering. A program consultant handles market surveys and physical arrangements. An administrator from CCE and a faculty member in the field are responsible for the academic program.

## Campus de-icing rate part of army study

RIT has been chosen to enter into a contract with the U.S. Army Cold Regions Research and Engineering Laboratory to conduct a study during winter 1977/78 on optimizing de-icing chemical application rates.

The project will be conducted on a section of Ward Road on campus. This section will be closed to regular traffic during the duration of the study.

Research will involve collecting weather data and spreading various concentrations of salt and calcium chloride after snow storms. An artificial trafficking system will be set up. An attempt will then be made to correlate the factors and determine the optimum dosage.

The study will be useful in that it will save on the use of salt, thereby cutting down automobile corrosion and salt contamination of water resources.

Dr. Alan Hu from the Civil Engineering Technology Department of the School of Applied Science, will serve as project director. He will be assisted in this study by faculty and students from the department.



Rochester Institute of Technology

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## Mechanical engineering students make playground accessible to handicapped

Children and playgrounds. It's an unbeatable combination for fun—unless you're a child with a physical handicap.

The traditional playground of sandboxes, swings and slides is virtually inaccessible to the handicapped child. If you're in a wheelchair, for example, you can't reach the sandbox, push off the swing or climb the steps up the slide.

Third-year mechanical engineering students at RIT would like to make playgrounds fun for all children. They've spent Fall Quarter coming up with ideas to make Rochester's

Carter Street playground accessible and useable to children with handicaps such as blindness, prosthetic devices and wheelchairs.

The class project, under the direction of Mechanical Engineering Professors Dr. Richard Budynas and Dr. Wayne Walter, was initiated through Technology Transfer, a National Science Foundation-funded program in which engineers loan their talents for public service projects.

Technology Transfer programs are in effect throughout the country. Locally, RIT College of Engineering Dean Dr. Richard Kenyon is

principal investigator and Andrew Hirsch, a graduate of RIT's mechanical engineering program is project manager. Hirsch believes this is the first time a Technology Transfer program has turned to students for help with a project.

Accessibility was a primary concern in the students' designs. Wide doorways and gates, modified benches, Braille signage, hard surface pathways and elimination of steps and steep slopes were essential, along with practicalities like keeping to a budget, maintaining an inviting park-like appearance, safety and parking. Equally important was integrating the play of handicapped and non-handicapped children and appealing to childish imagination.

Although the students' playground designs exist now only in scale models and engineering drawings, there is a good possibility some may eventually be used. Federal legislation now requires that playgrounds, like other public places, be accessible to the handicapped. The judges representing the city and county are planning park modifications now, and the students' designs will be among those considered.

### Who's who on campus

Nomination applications for 1977-78 Who's Who Among Students in American Colleges and Universities are available at the College-Alumni Union Information Desk, and the Office of Student Activities in Conference Room A, College-Alumni Union.

In order to be eligible for nomination, students must be full-time, matriculated upper-class or graduate students.

Nominees will be judged on the basis of scholarship ability; participation and leadership in academic and cocurricular student activities; citizenship and service to the RIT community and potential for future achievement.

Return all nominations to Stephen Immerman, Student Activities Office, Conference Room A in the College-Alumni Union building by Friday, December 30, 1977.



### PLAYGROUNDS FOR HANDICAPPED

Third-year mechanical engineering students at the Institute spent Fall Quarter working on a class project to make a Rochester playground more accessible to handicapped youngsters.

### Aliens must register with government

This is a reminder that you **must** register your address with the Department of Immigration and Naturalization Service during the month of January. This is a requirement that must be met by all aliens in the United States. Address registration cards can be obtained at any U. S. Post Office where they

must be turned in. The cards are **not** available in the RIT International Student Office.

There is a penalty for not fulfilling this obligation. So, please remember to obtain an alien address card from the U. S. Post Office.