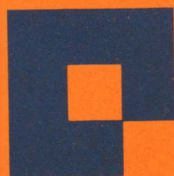


# NEWS & EVENTS



May 4--10, 1973

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## Annual Student Photo Exhibit To Open In Union Next Week

Photo Expo '73 RIT's annual exhibit of student-produced photography, will be held from May 13 to 27 in the College-Alumni Union on the Henrietta campus. A formal opening is planned for Sunday, May 13 from 2 to 6 p.m.

Comprising the largest segment of the professional photography show will be the best works of many of the over 850 students enrolled in RIT's internationally-known School of Photographic Arts and Sciences.

Judges for the works to be selected are: Peter Turner, a professional photographer from New York City; Ellie Rogers, a picture editor of National Geographic magazine and a recipient of several national photography awards; and Professor Harley Parker, the William A. Kern Professor in Communications at RIT.

Photographic works to be exhibited include black and white and color prints, transparencies, and several prints that represent new and experimental techniques in graphic design. Subject matter will encompass nude figure studies, landscapes and advertising art, to name a few.

About 20 to 30 of the best works accepted for the exhibit will become part of RIT's permanent collection, which represents the best works of present and former RIT students. The exhibit travels annually to various national photo symposiums, conferences, and trade shows.

RIT's School of Photographic Arts and Sciences is the largest degree granting institution in the world for the field of photography. More than 850 students are enrolled from almost every state in the nation and many foreign countries. The school offers over 50 photographic courses in the areas of professional photography, photographic illustration, photographic processing and finishing management, film-making and television, biomedical photography and communications, and photographic science and instrumentation.

## Jack Anderson Here On Watergate, Press Freedoms



Monday night, shortly before President Nixon went on national television to discuss the Watergate breakin case, syndicated columnist Jack Anderson, who made the initial disclosures of the bugging of Democratic National Headquarters, spoke at RIT. Sponsored by Free University and broadcast live by Rochester Channel 21, the speech was carried by both the New York and Eastern Educational Networks and broadcast by public television stations in major cities up and down the East Coast.



# Engineering To Study Cause Of Jet Engine Failure

A research project that could have profound effects on safety and reliability in the air transportation and power industries will start soon at RIT's College of Engineering, as the result of an \$18,000 grant from the U.S. Navy Ship Systems Command in Washington, D.C.

The funds will be used for a "water table analog study of unsteady forces on turbine blades." Project director is Dr.

## Photo Emergency Fund For Students Established

A special loan fund to provide photography students with emergency funds for supplies, transportation for school assignments, food, and other items of necessity, has been announced by Professor William S. Shoemaker, director of RIT's School of Photographic Arts and Sciences.

The Paul Linwood Gittings III Memorial Fund is being established at RIT by Paul Linwood Gittings, Sr., president of Gittings Inc., a high quality portrait and color printing studio in Dallas, Tex.

The founder of the business, Paul Linwood Gittings, Sr., is internationally known in the field of professional and portrait photography, and is the author of "Color Portraiture," published by Gulf Publishing Company in 1968. He is the grandfather of Paul L. Gittings III, for whom the Memorial Fund at RIT is named.

To be administered by the Office of the Director of the School of Photographic Arts and Sciences, the fund has a total value of \$1,000, with maximum loan increments of \$50 available to RIT photography students. Payment will be due in 90 days at two percent interest, with an annual interest rate of eight percent.

"Paul Gittings loved his late grandson very much, and wished to do something to help young people in photographic education. He realized that many young people find it difficult from time to time to purchase photo supplies and other items that are necessary to fulfill their educational needs," Shoemaker said.

"Mr. Gittings' establishment of this RIT Memorial Fund is a good example of his understanding of the frustration that many young students have today," Shoemaker said.

Neville F. Rieger, the James E. Gleason Professor in Mechanical Engineering.

According to Dr. Rieger, the grant will enable RIT to build a water table testing device which will provide information that could lead to significant reductions in blade breakage in turbines used for both power generation and jet engine transportation.

"We expect the tests will allow us to predict the conditions which cause the breakage of turbine blades, since, for the first time, we will be able to accurately measure the troublesome forces, using measurements of water pressures on the analog turbine blades," the Australian-born mechanical engineering professor said.

Dr. Rieger is internationally known for his work in vibrations of rotating machinery, and is the author of over 50 technical papers and two books titled "Rotor-Bearing Dynamics" and "Design of Gas Bearings."

"Blades in steam turbines and jet engines are being required to operate in more and more hostile environments, under increase loadings and temperatures, as the power output per blade is increased to higher levels," he said.

"Without further studies to determine improved methods for designing such blades, it can be expected that more blades will fail in service.

"Such service failures are very costly and can be extremely dangerous to airline passengers and crew, if blade failure occurs in an aircraft jet engine during flight," he said.

## Computer Seminar Set By Goodyear Aerospace

James Wagner, sales engineer, Digital System Marketing at Goodyear Aerospace Corporation, will present the topic PARALLEL PROCESSING at RIT Thursday, May 17, at 3 p.m. in General Studies 06-A205.

His presentation will include: Basic concepts and comparisons of associative processors with sequential processors; STARAN hardware (description); STARAN software (representative instructions and programmer/manager relationships); Associative processors in data base management.

Please call Mrs. Janey Miller, 464-2086 for reservations.



# Professional Housing Management Training

for applications is May 8.

For the benefit of the participants, enrollment will be limited to 20 people in each of two sections to be offered day and evening.

Participants will have 100 in-class hours of instruction and active participation. It will include field trips, lecture-discussion, student activities and exercises in problem solving and exercises in writing and effective communications.

The academic director of the program is James M. Papero of the Extended Services Division; coordinator is Mrs. Robert Carlton, and program facilitators and agency liaisons are Alma Greene of the Housing Council and Chloe Wacenske of the Monroe County Cooperative Extension.

## Skylab Project In Science

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masses of cells that is characteristic of the organism).

What he's been doing at RIT is testing to make sure the procedures worked out by the National Aeronautics and Space Administration (NASA) for the experiment would work.

"This is an unusual experiment," says Dr. Egon Stark, associate professor of biology and Staehle's host at RIT, "because as a rule we have immediacy in bacteriology. We put the bacteria in the nutrient material as soon as possible. Bob's experiment has an unusually long waiting period (about 80 days) that is unheard of on earth and that is not good for the bacteria."

So in the RIT laboratories, Staehle prepared the bacteria as they would be prepared for flight, stored them the same as they would be stored, waited about 80 days and subjected them to the same process they'd undergo in flight. From that he found only two of the six species tested would survive after such a long wait.

Staehle's project was conceived after NASA enlisted the National Science Teachers Association (NSTA) to sponsor and organize student projects to fly aboard the Skylab research vehicle. NSTA's announcements sent to high schools across the country resulted in 3,409 proposals for projects. Twenty-five were chosen national winners, and 19 of the 25 fell within mission capabilities and could be flown on Skylab.

Not only did Staehle propose one of the projects that was selected, he also

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Participants will receive a Professional Housing Management Certificate from RIT upon satisfactory completion of the course. Both RIT and the Housing Council will actively seek possible employment for graduates in the community when positions become available for which they qualify.

The course will be held at RIT's Metropolitan Center, 50 West Main St., on Tuesdays and Thursdays from 8:30 to 11 a.m. and 7:30 to 10 p.m.

Anyone wishing further information on the program and to schedule an interview should contact James M. Papero, Extended Services Division, 262-2712.

## All-Campus Picnic Set Next Week

Student Association and the College Union Board are sponsoring an all-campus picnic Saturday, May 12, behind Grace Watson Hall, 11 a.m. to 4 p.m.

Food will be served from 11:00 a.m.-1:00 p.m. by the sisters of Alpha Sigma Alpha and Alpha Xi Delta sorority. Live music by "Country Granola" will begin at noon. A "car smash" will be sponsored by the brothers of Alpha Epsilon Pi fraternity. The brothers of Alpha Phi Omega Service Fraternity are assisting.

The Institute community is encouraged to attend to make the picnic a truly "all campus picnic." For further information call Greg Evans at 464-2508.

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thought of two other projects which were independently proposed by other students and accepted for the flight. His proposal was submitted under the sponsorship of Alan H. Soanes, teacher at Harley School.

Staehle has worked closely with Stephen Hall, aerospace engineer at NASA, and has made three trips to the George C. Marshall Space Flight Center in Huntsville, Ala., and two to the Johnson Space Center in Houston, Texas.

He's been working on the project since January 1972.

"I've been very impressed to see a high school student at this level of achievement," said Dr. Stark. "He's applied himself nicely and has been conscientious."

Staehle will enter Purdue University in Lafayette, Ind., in September to study aerospace engineering.



## RIT To Share Grant For Housing Seminar

The Extended Services Division of RIT, in cooperation with the Housing Council in the Monroe County Area, Inc., will sponsor the second "Professional Housing Management Training Program" beginning on May 15, and continuing through Sept. 27.

A grant of more than \$12,000 has been approved by the U.S. Department of Housing and Urban Development to fund the project. The grant from HUD was based on the quality and apparent success of the current program, which has dealt with management training in both profit and non-profit housing units.

The first course in housing management began in January and will continue through May 31.

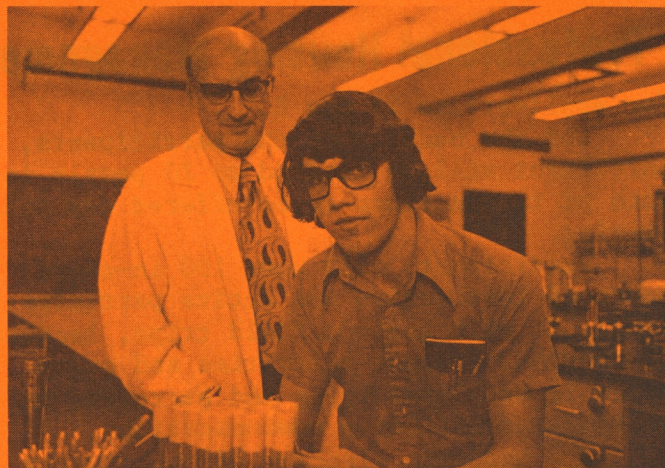
The course was originally set up by RIT and the Housing Council following meetings of a committee formed to define the housing management needs in the Greater Rochester area. Tenant meetings were held to determine the needs of the renter in both the management and maintenance areas. Curriculum was then designed, and the program became the first in the Rochester area to serve those needs.

"Because both the profit and non-profit sectors are represented in the first course, and will hopefully be represented in the new program, we believe that many people are being sensitized to the management problems in all areas, especially where dealing with low and moderate-income tenants," says John Mitchell, executive director of the Housing Council.

The purpose of the forthcoming course parallels that of the first: to train management and maintenance personnel for residential complexes; to provide an opportunity for updating those already employed; and to provide a new career potential for those who would like to be trained in the field of housing management and supervision.

The program is open to resident managers, assistant resident managers, maintenance personnel, administrative assistants, community relations people, secretarial personnel, resident facility board members, occupants, members of housing associations and any other interested persons. Because of the grant and financial aid available to participants, anyone interested must apply for admission to the course and tuition assistance. Deadline

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Robert L. Staehle (right), Harley School senior from Irondequoit, worked in the RIT College of Science biology laboratories on a project which will be flown aboard the Skylab space mission. His host at RIT was Dr. Egon Stark (left), associate professor of biology.

## Student Using RIT Equipment To Prepare NASA Project

Working in the College of Science biology laboratories at RIT, a 17-year-old Harley School senior has prepared a project which will be flown aboard the Skylab space mission next month.

Robert L. Staehle, son of Dr. and Mrs. Henry Staehle of Irondequoit, has one of 19 student projects aboard the Skylab mission, which will be launched May 14.

Staehle's project will determine, under controlled conditions, the effect of weightlessness and other space conditions on two selected common bacteria--Escherichia coli and Bacillus subtilis. To Staehle's knowledge, it's the first time bacteria will be observed growing in space under controlled conditions.

On day 22 of the first Skylab mission, bacteria impregnated filter discs will be placed on the surface of prepared agar material. The bacteria will be given a chance to grow in space for 72 hours, during which time photographs will be taken of their development.

Identical sets of bacteria will be grown at the same time on the ground under earth conditions, and the results of the two will be compared.

When Staehle does the follow-up work and draws his conclusions, he'll be looking with trained observers for visible biochemical and genetic changes in the form of the bacterial colony (an accumulation of

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# Positions Available

As of our printing deadline the following staff positions were open at RIT. Employees interested in learning more about these jobs and/or applying for consideration should contact Personnel (x2424) for information or an appointment.

## FULL-TIME - GENERAL STAFF

1. **SECRETARY** - Central Placement Services. Good typist and general clerical knowledge. Some receptionist duties. H.S. Graduate. 2-3 yrs. experience. 8:30 a.m.-4:30 p.m.
2. **PERSONAL SECRETARY** - Communications. Excellent typing, shorthand and good English language skills. At least 1 yr. business school and 2-3 yrs. experience. Must have ability to act independently. 8:30 a.m.-4:30 p.m.
3. **SECRETARY TO DIRECTOR** - Communications. Excellent typing, shorthand and clerical skills. Provide support as necessary to manager. Business school required. Must be able to work well with people. 8:30 a.m.-4:30 p.m.
4. **SECRETARY** - CCE/Machine Shop, Metro Center. Secretary for chairman, Machine Shop and 4 other faculty members. Good typist and clerical skills, no shorthand. 8:30 a.m.-4:30 p.m.

## PART-TIME - GENERAL STAFF

1. **SECRETARY** - NTID/English. Typing, filing and bookkeeping skills. Willing to learn communications techniques for deaf students. 30 hours per week.

## FULL-TIME - HOURLY STAFF

1. **JANITOR** - Physical Plant. General cleaning in all academic buildings. Must have use of all limbs. 6:00 a.m.-4:30 p.m.

## PART-TIME - HOURLY STAFF

1. **SECURITY OFFICER** - Protective Services. Previous law enforcement, security or armed forces. Must be able to effectively work with people. Varied Hours.

## Science Dean Dead at 65

Dr. Ralph L. Van Peurseem, 65, dean of College of Science died in St. Mary's Hospital Monday, April 30, two months before his official retirement.

He had been ill since suffering a heart attack in February.

Dr. Van Peusem had spent 36 years on the RIT faculty, the last 10 as dean of the College of Science.

He was eulogized by his colleagues:

"He was one of the best guys to work for in the world. He let you in on the ground floor; you worked along with him from the word go. And when he gave you a job, he left you alone to do it," said James Wilson Jr., assistant dean who worked with Dr. Van Peurseem 27 years.

"He was instrumental in building the College of Science and the Chemistry Department from the time it didn't even offer a four-year degree," said Robert L. Craven, professor of chemistry and RIT faculty member for 10 years.

Born in Maurice, Iowa, Dr. Van Peurseem received bachelor's, master's, and doctor's degrees from Iowa State University at Ames.

He was a graduate teaching assistant at Iowa State and a science teacher at Sheldon Junior College before coming to RIT in 1937 as a chemistry instructor. In 1942, he was named head of the Chemistry Department, a position he held until becoming dean of the newly formed College of Science in 1963.

# NEWS AND NEWSMAKERS

Professor Clifton Frazier, staff chairman of the Photography-Plate Press Division in the School of Printing, recently attended a Lithography Clinic held in Philadelphia....Dr. Mark F. Guldin, director of the School of Printing recently attended the Presidents Conference of the Printing Industries of America in Boca Raton, Fla....Dr. Robert G. Hacker, coordinator of graduate programs in the School of Printing recently attended a Program Data Processing Computer Newspapers Users Seminar in Chicago....Professor Miles F. Southworth in the School of Printing delivered a paper on "Densitometers are Better Than You Think," at the Gravure Technical Association's annual meeting in Chicago. RIT President Dr. Paul A. Miller delivered the keynote address at the meeting....Larry Covert has been appointed Warehouse Coordinator in the Stores and Traffic division...Anyone interested in a men's softball league should call Rocco Russo in the math learning center at 464-2703....Judy Vollmer, assistant director of Central Placement Services, is serving as a general co-chairman of the International Association of Personnel Women conference being held in Rochester May 3--5....Robert Iannazzi, lecturer in visual communications for NTID has published an article on Processor Quality Control in the April issue of "Photo Methods for Industry."....Two members of the College of Science faculty have published articles in the April 1973 issue of the Journal of Chemical Education of the American Chemical Society. Dr. Earl Krakower, associate professor of chemistry, wrote about "An Introductory and Terminal Chemistry Course for Engineering Students," and Dr. V. V. Raman, associate professor of physics, wrote on "William John Macquorn Rankine: 1820-1872."



# EVENTS

## Meetings

Monday, May 7

4:30 p.m.—SOS-3 Executive Board meeting; Union Mezzanine Room M-1

5:30 p.m.—CUB Meeting; Union Alumni Room.

7 p.m.—Student Court; Union Mezzanine lounge.

7:30 p.m.—Inter-varsity Christian Fellowship; Kate Gleason piano room.

Tuesday, May 8

11 a.m.—Student Association meeting; Union Conf. room A.

12 noon—Women's CAucus, Room 01-2000, College of Business Aud.

1 p.m.—WITR meeting; Union Mezzanine M-1.

1 p.m.—RIT Chorus rehearsal; 06-A269.

7:30 p.m.—Christian Science meeting; Union Mezzanine Lounge.

8:30 p.m.—Ski Club meeting; Sol Heumann north lounge.

Wednesday, May 9

7 p.m.—First Aid course; Kate Gleason North Lounge

Thursday, May 10.

2:30 p.m.—Traffic Review Board; Union Conf. rooms A & B.

3 p.m.—Women's Council Apres fashion show tea; Union Main Lounge.

7 p.m.—Advanced First Aid; Nathaniel Rochester south lounge.

7:30 p.m.—Outing Club Meeting; Sol Heumann north lounge.

7:30 p.m.—Bible Study; Sol Heumann Conf. room.

8:30 p.m.—RIT Motor Sport Club; First floor Colby A lounge, for all interested in motorsports.

## Movies

Friday, May 4

7:30, 10 and 12 p.m.—Talisman Film Festival, "Imagine." PREMIER of John Lennon's film. The film relies heavily on the structure of Lennon's music in relationship to visual counterpoint to express John and Yoko's love for each other; Ingle aud., RIT \$1, others \$1.25.

Saturday, May 5

7 p.m.—Captioned films; "The Great Race." 1908 Automobile race between New York and Paris. The two rivals compete for the affections of a woman reporter, who goes along with them for the ride; General Studies A205, Free.

7:30 and 10 p.m.—Talisman Film Festival, "200 Motels." The film makes the individual and collective consciousness of the Mothers of Invention the central issue, visual suggesting the incompleteness of subjective experience and the illusions inherent in sense perception; Ingle aud., \$1.

Tuesday, May 8

1 and 8 p.m.—Future film series: "Toward the Age of Abundance." The line between what is possible and what is beneficial is examined by high energy futurists Dr. Peter Glasser and lawyer-author Robert Hallman, and "The War Games," Jerome B. Wiesnar and Donald G. Brennan discuss the growing technological sophistication of cluding environmental warfare, General Studies A205, Free.

Wednesday, May 9

1 p.m.—Future Film Series, same as Tuesday, May 8, Library room A100, Free.

## Exhibits

BEVIER GALLERY: "The Friends of the Institute Collect," and exhibit of major works of art owned by friends of RIT, through May 6; Saturday and Sunday, 2 p.m. to 4 p.m., weekdays 9 a.m. to 4:30 p.m., James Booth Memorial Building.

COLLEGE-ALUMNI UNION: A photo exhibit by RIT graduate Jonathan Blair, now a photographer with National Geographic magazine; through May 20, daily.

MEMORIAL ART GALLERY: "Comic Strip Art," 25 original drawings from now-classic 1930's cartoons; 490 University Avenue., Sunday, 1 p.m. to 5 p.m.; Tuesday 10 a.m. to 9 p.m.; Wednesday through Saturday, 10 a.m. to 5 p.m. Open free Tuesday, 5 p.m. to 9 p.m. Exhibit open through May 6.

MEMORIAL ART GALLERY: "Rochester Light Switch," an environmental work making use of closed circuit television, Little Gallery, 490 University Ave., same hours as above, through May 6.

WALLACE LIBRARY GALLERY: RIT student photographers, through May 9, daily.

## Sports

Friday, May 4

1 p.m.—Golf; Alfred at RIT.

Saturday, May 5

10 a.m.—Track and Field; RIT at U of Buffalo Invitational.

Monday, May 7

3 p.m.—Varsity Baseball; Hartwick at RIT.

Tuesday, May 8

3 p.m.—Track and Field; Oswego at RIT.

Wednesday, May 9

1 p.m.—Varsity Baseball; Hobart at RIT, 2 games.

## Announcements

RIT Women's Club, Next-to-New-Sale, will be held in Clark Memorial Gym on Saturday, May 5, 1973, at 10 a.m.

"Arsenic and Old Lace" will be presented Wednesday, May 2, through Saturday, May 5. The show will be at University of Rochester's Drama Center on the River Campus at 8:15 p.m. Admission will be \$1 for students and \$2 for visitors.

RIT Open International Skeet and International Trap Championship will be held at Rochester Brooks Gun Club. The shoot will consist of 100 International and 100 International Trap on both Saturday, May 5, and on Sunday, May 6; the cost per 100 targets will be \$9.25. For more information contact RIT skeet or trap team.

CUB Mayfest, live music entertainment, pizza and plenty of beer. The admission will be \$1, and includes one free glass of beer and one slice of pizza. Ticket sales limited to 800.

7 p.m. Sunday May 6: Boswell Coffee House; David Bissonette variety show; food and beverages served, Union multi-purpose room.

The next edition of the calendar will cover the period of May 11 through 17. Material for that issue must be received by *News and Events* or *Reporter* by Friday, May 4. *News and Events* is published weekly and distributed free of charge to the RIT community by the Office of Communications Services, 464-2337.



At recent opening of "Friends of RIT" art show in Bevier Gallery were Fine Arts Professor Mrs. Sylvia Davis (left), Mrs. Robert E. Friedlich, of 1600 East Ave., and Mrs. Saroj Bushan, visiting fellow in the College of Fine and Applied Arts. See "Exhibits," above.