



January 27-February 2, 1975

Co-op RIT Student Is Government Contract Watchdog

Not many 21-year-olds have the chance to see that specifications for a \$150,000 government contract are carried out.

Janet Kristiansen has.

A fourth-year mathematics student in the College of Science at RIT, Ms. Kristiansen spends her cooperative work quarters at the National Aeronautics and Space Administration's Goddard Space Flight Center in Greenbelt, Md.

There she works as a task monitor to make sure specifications are met by the private firms to whom the space agency has contracted projects.

For an undergraduate, the amount of responsibility is unusual. The contracts are valued as high as \$150,000. Making sure

their specifications are followed means Ms. Kristiansen must direct people with master's and Ph.D. degrees.

Janet, the daughter of Mr. & Mrs. Stanley Kristiansen of 911 Kimball Court, Spring Hill, Fla., and a graduate of Arundel Senior High School in Odenton, Md., has worked on the third satellite in the Atmosphere Explorer series and will work on the Earth Resources Technology Satellite.

Her mathematics background is needed for much of the analysis she carries out.

She is on her last-Co-op quarter now, and would like to return to Goddard after graduation. Her interest is in applying space technology to the earth's needs.

The findings of the Earth Resources Technology Satellite, for instance, can be used for determining crop yields, pollution control, and weather prediction, she points out.

RIT students gain practical experience in their chosen fields through the cooperative education (Co-op) program at RIT. Science students spend their last three undergraduate years alternating academic quarters with industrial work quarters.

Co-op has "multiple advantages," says Ms. Kristiansen. It's a chance to work in your field, and perhaps change fields if you decide that's not for you. It makes up your mind about what elective courses to take. It provides a break with

routine. And it helps finance a college education.

College of Science students in chemistry, biology, mathematics, and physics have taken their "work blocks" in research, quality control, industrial production, technical service, marketing and data processing at Xerox, Eastman Kodak, Alliance Tool and Die, American Cyanamid, Burroughs Corp., Pennwalt Corp., Rochester Gas & Electric, Bausch & Lomb, the Central Intelligence Agency, and other places.

Annual Faculty Show In Bevier

Rochester Institute of Technology's annual Faculty Show is being held in Bevier Gallery, Jan. 10-Jan. 31. Gallery hours are Mon. through Fri., 8:30a.m.-4:00p.m.

Faculty of the RIT College of Fine and Applied Arts will exhibit over 150 pieces, including paintings, prints, ceramics, and handblown glass.

Of special interest is a project by Philip Bornarth, chairman of fine arts and associate professor of art and design, and Franklyn Schwaneflugel, associate professor of physics, who have collaborated on an art experiment called "Sculptured Form in Liquid Flow."

The collaboration between the art and science professors was funded by a grant from the New York State Council on the Arts and Syracuse University given to encourage the "union of art and science."



Company Donates \$100,000 To Anniversary Campaign

RIT has received a gift of \$100,000 from the Photographic, Printing, Industrial Graphics and Nuclear Products group of 3M Company.

The unrestricted contribution to RIT's 150th Anniversary Campaign was presented last month to RIT officials during their visit to St. Paul, Minn., 3M's headquarters.

RIT, which is seeking \$42 million to expand and to improve its educational programs, has played a major role in graphic arts education since its founding in 1829.

"The quality of education at RIT for young people interested in printing or photography has led to our continuing support of their programs," E.J. Kane, 3M

group vice president, said in making the presentation.

Kane added that 3M has employed many RIT graduates and that the company has benefited from RIT's Graphic Arts Research Center.

Dr. Paul A. Miller, RIT president, accepted the gift at a luncheon attended by printing industry leaders of the St.

Paul-Minneapolis area.

Dr. Miller said the demand for qualified young men and women in commercial and in-plant printing firms is growing at record speed. Because of that demand, he called on nationwide industry to help raise \$42 million to support the technical and administrative growth of RIT.

Office Politics Problems? Check New Business Book

Coping successfully with office politics is crucial to the success of managers, administrators and personnel managers.

In a highly practical book, Dr. Andrew J. DuBrin, professor of behavioral science in the College of Business at RIT, discusses the **Fundamentals of Organizational Behavior** and how to deal with them.

Fundamentals (published by Pergamon Press) emphasizes the application of behavioral science information to improve individual and organizational effectiveness. It presents, for the first time in a management text, entire chapters on political maneuvering and the stresses faced by managerial and professional personnel.

Another major emphasis is current information about human behavior as it applies to the knowledge worker--managerial, professional,

technical and sales personnel.

Comprehensive material is also included on topics such as leadership style, organizational climate, organizational change, conflict resolutions, work motivation, the human element in decision making, communication between people, techniques for improving subordinate performance, behavior modification in organizations, and a path-goal theory of leadership.

Each chapter includes a formal "Guidelines for Action" section.

Dr. DuBrin wrote the book to meet the needs of courses in behavioral sciences in management, organizational behavior, introduction to management and human relations, as well as to serve as a handbook for managers and personnel directors.

Dr. DuBrin lives at 208 Pitts Colony Drive, Henrietta.

GARC Mans Seminar On Quality Control Methods

A four-day seminar on basic quality control for Graphic Arts applications will be held at the Graphic Arts Research Center at RIT February 4-7, 1975. The seminar deals with quality considerations related to printing operations and the printed product.

"There is a high degree of quality consciousness in the

printing industry," GARC officials said. Printing suppliers and their customers, in increasing numbers, are taking advantage of statistical quality control methods. However, the ability to handle technical data as efficiently as, for instance, financial statements, is not as developed as in many other industries.



Food Merchandising Students Carve Ice Sculpture

Mark McRorie (left) and Katie Callan, (right), students in the Food Merchandising class in the Department of Food Administration, joined other students last week in carving ice sculptures. The two students are carving an eagle out of a solid block of ice. Some of the sculptures were put in Food Administration Department freezers for use during banquets this year.

Grant Deadlines

The Office of Grant & Contract Administration reminds all faculty, staff and students that the following are deadlines for proposal application. Since Institute review and approval must be accomplished prior to mailing a proposal, applicants are requested to forward their proposals to Grants Administration one week before the listed deadline.

Guidelines and application forms for listed program are either on hand in, or on order by Grant & Contract Administration Office. For additional information and/or assistance, please call ext. 2388.

NATIONAL SCIENCE FOUNDATION

Feb. 7, 1975 - Faculty Fellowships in Science (applications of science to social problems, 3-9 months stipends for Faculty with maximum of 5 year teaching.)

March 1, 1975 - NATO Senior Fellowships in Science (This program is oriented toward the study of new scientific techniques and development during short visits abroad; awards to be announced on May 15, 1975.)

OPEN - Science Information Grants (Research, Development and Demonstration projects to improve scientific and technical information service).

DEPARTMENT OF HEALTH EDUCATION & WELFARE

Feb. 17, 1975 - Fund for the Improvement of Post secondary Education

1) National Project I - Better Information for Student Choice

2) National Project II - Alternatives to the Revolving Door, effective learning for low-achieving students.

3) National Project III - elevating the Importance of teaching.

NATIONAL ENDOWMENT FOR THE HUMANITIES

Feb. 17, 1975 - Fellowships. Summer seminars for College Teachers 1975.

March 15, 1975 - Education Programs. Education Projects Grants beginning after Dec. 1, 1975.

April 1, 1975 - Youthgrants. Projects beginning after Sept. 1, 1975 (Student Directed Research).

April 17, 1975 - Public Program. Projects beginning after Oct. 15, 1975.

June 2, 1975 - Fellowships for Independent Study & Research 1976-77. (Intended for scholars, teachers, writers who have completed their formal academic training by date of application.)

NATIONAL ENDOWMENT FOR THE ARTS

Visual Arts in the Performing Arts FY75.

Feb. 1, 1975 - Artists Services FY75.

May 30, 1975 - Photographers Fellowships FY76.

U.S. DEPT HEW OFFICE OF EDUCATION

March 16, 1975 - Ethnic Heritage Studies Program.

U.S.O.E. OFFICE OF INDIAN EDUCATION

Jan. 31, 1975 - Special Education Programs & Projects for Indians.

Faculty, Staff Nominate Students For Who's Who

During Winter break the selection committee, composed of faculty, staff and students selected this years members for **Who's Who Among Students In American Universities and Colleges.**

Nominations for **Who's Who** were accepted by faculty, staff and students throughout the Institute and reviewed by the selection committee. Selection for **Who's Who** was based on scholarship, leadership, character and activities. **Who's Who's** a national honor founded in 1934 and has continued to further the aims of higher education by rewarding and recognizing individuals from all colleges and universities throughout the United States. Forty-Seven students from RIT have received this honor for the academic year 1974-75.

Students nominated are: Nancy McKee, Math 4; Bob Dawley, Ba 4; Janet Kristiansen, Math 4; Jerry Williams, Photo 4; Bob Seyfert Photo 4; Dennis Senglaub, BA 4; Elaine Small,

BA 3; Enzo Orsini, FA 3; Hiram Bell, Photo 3; Rich Andrews, BA 4; Scott Jamieson, PR 4; Tom Stewart, PR 4; George Palmer, SW 4; Bob Sidansky, SW 3; Kathy Neville, RE 4; Laurie Klein, Photo 4; Mary Proseus, BIO 3; Andy Franklin, Photo; Lisa Bleier, AD 3; Al Luftig, Photo 4; Rita Gudramovics, Med Tech 3; John Braeland, PR 4; Ron Markwart, BA 4; Jim McNay, Photo 3; Bob Albach, BA 4; Julie Bitzer, BA 3; Jay Levine, BA 3; Karen Hamburg, Photo 3; Bill Leatherman, Photo 4; Ray Edwards, Photo 3; John Swan, IC 4; Marilyn Rosenberg, Photo 3; Steve Richards, PR 3; William Baer, BA 4; Thomas Keene, BIO 4; Ann Lieberman, AD 3; Robin Redderoth, RE 3; Marcia Hunt, BA 3; Farid Bozorgi, AD 3; Carol Hogarth, AD 4; Barbara Wood, SW 4; Harold Schmidt, Photo 3; Carol Settle, BA 4; Bradley Biondo, Math 4; Bob Bullwinkle, BA 4; Elizabeth Butler, PHY 5; Sally Widener, RE 3;

News and News Makers

Norm Flannigan CCE, has been renamed for a second year (1975) as a member of the Advisory Board of the Board of Cooperative Educational Services (Boces 1) in Monroe County....**Dr. Ronald Francis**, Chairman, Photographic Science and Instrumentation Division, will speak on Non-Conventional Photochemical Imaging Processes before the Rochester Chapter of the Society of Photographic Scientists and Engineers on February 19, 1975....**Florence Stedman** Systems Data Manager, Office of Development, recently attended the following seminar in Boston, Mass on Dec. 4-5, 1974: Two day seminar on "The Computer in Educational Fund-Raising" which was put on by E.D.I.T. (Educational Data & Information Techniques)....Several graphic symbols by **Roger Remington** professor in the College of Fine & Applied Arts, are included in the new publication, "Top Symbols and Trademarks of the World" The seven volume set of books has been recently published by the Deco Press of Milan, Italy....**Dr. Robert Johnston** dean of the College of Fine & Applied Arts, gave a paper entitled, "Christina Anvreau, Cypriot Potter: Some Bronze Age Relationships" at the 76th general meeting of the Archaeological Institute of America in Chicago, Ill. on December 30....**Dr. Fred Smith** vice-president for Student Affairs, is now vice President of the Board of Trustees of the Rochester Museum & Science Center....**Harold M. Kentner** assistant dean of the College of Continuing Education and head of RIT's Extended Services Division, is included in the 1974 edition of "Leaders in Education."...

Color Seminar For Pressmen To Be Held At GARC

The Graphic Arts Research Center at RIT will conduct a four-day Color Seminar for Pressmen on January 28-31, 1975. The fourth day has been added to this seminar by popular demand to provide more time for practical applications, particularly in the area of densitometry. Hand calculators are provided to help participants work through the problems in this area. Also, color control in the pressroom is emphasized rather than the production of color separations and plates.

The subjects covered in the course of the seminar include

the selection of color ink sets; ink laydown sequence; the gamut of printed colors; the problems of reds; and the effect of paper on printed color. Also included are discussions of color densitometry; evaluation of printed sheets; control of dot gain and trapping; how strong to print color; and standard illumination for color viewing. A review of color proofing and its relation to press printing rounds out the program.

For more information contact William Siegfried, director of Training at, 464-2758.

Events

Monday, January 27

Techmila Senior portraits, conference room A, CU. Through February 14

BACC Bake Sale, 11 a.m.-1 p.m. CU

CUB Meeting, 5 p.m. Alumni Room, CU All interested students are encouraged to attend.

Hockey: RIT at Ithaca, 7 p. Concert: Joe Walsh at the Auditorium Theatre, 8 p.m. Reduced tickets available at the CU Desk.

Tuesday, January 28

Nickelodean Theatre, 1 p.m. Ingle Auditorium "Rin Tin Tin" the original silent version

Commuter Organization meeting, 1 p.m. Conference Room G, CU
Student Court meeting, 7 p.m. Room M-2, CU

Ice Cream Give-Away, CU Main Lobby. Sponsored by CUB recreational. Ice cream served by members of the Student Affairs Division. 1-2 p.m.

Live entertainment by the Eastman School of Music, 1-2 p.m., Main Lounge, CU

Basketball: RIT vs Roberts
Wrestling: RIT vs St. Lawrence
Swimming: RIT at Brockport, 7 p.m.

YMCA Adult Education classes begin. Held at 100 Gibbs St. Call 325-2880, ext. 147 or 144.

Techmila portrait sittings. Sign-up in CU Lobby

Color Seminar for Pressmen, Gannet Building. All day. Contact Judy Torkington at 2757

Wednesday, January 29

Introductory lecture to Transcendental Meditation, Conference Room B, CU. 7:30 p.m.

Hockey: RIT vs Oswego, 8:15 p.m.

Thursday, January 30

SOS-5 Executive Board Meeting, 5:30 p.m., Conference Room B, CU
Scuba Club meeting, every Thursday, 7 p.m. Mezzanine Lounge, CU
Techmila Senior Portraits, Conference Room A, CU

Friday, January 31

Mardi Gras Night featuring "Your Father's Moustache" CU Cafeteria. Admission \$1.50 Cash Bar and refreshments available 8:30 p.m. Tickets available at CU Desk

Techmila Senior Portraits, Conference Room A, CU
Departmental Packaging Science, 8:30 a.m., Ingle Auditorium

Basketball: RIT vs U of R, 8 p.m. Hockey: RIT at Brockport, 7:30 p.m.

Talisman Film—"Thieves Like Us," 7:30 & 10 p.m. Ingle Auditorium, \$1

"What's Happened to the Cracker Barrel"—Lecture by Professor Leonard Barol, St. Joseph's College, Philadelphia, and J.J. Wuerthner, vice president for Public Affairs, Paperboard Packaging Council, Ingle Auditorium. 12:30 p.m. OPEN

Saturday, February 1

Wrestling: RIT vs Clarkson and St. John Fisher, 1 p.m.

Phi Kappa Tau Party
Swimming: RIT vs Geneseo, 7 p.m.

Phi Beta Gamma House Party
Talisman Film—"American Graffiti" 7:30 & 10 p.m. Ingle Auditorium \$1.

Captioned Film—"Third Man on the Mountain" 7 p.m., Room A-205, General Studies Building

Wild, Wild West Party, Grace Watson Hall 8:30 p.m.-1 a.m. Sponsored by NTID Student Congress

Sunday, February 2

Ground Hog Day
Married Student Organization meeting, 7:30 p.m. Mezzanine Lounge, CU. Refreshments served and a babysitter will be provided.

Deaf Winter Olympics, Lake Placid, N.Y. through February 9
Boswell Coffee House, 7-10 p.m. 1829 Room, CU Live entertainment, free admission

Scuba Club, 1-2 p.m., pool
Hockey: RIT vs Ithaca. 8:15 p.m.
Talisman Film—"The Sorrow and the Pity" Ingle Auditorium, 50c

Continuing Events

Through February 16

"The Glass of Fashion"—Rochester Museum and Science Center. Outfits from the Museum's exceptional costume collection together with fashion dolls from the Strong Museum.

January 7—February 2

"Exposure 4 Exhibition"—Memorial Art Gallery of U of R. The first exhibition of the work of Afro-American artists assembled by the Gallery. Includes painters James Pappas and Jack White and ceramists Eddie Davis and David R. MacDonald. Call 275-3081.

January 18—February 23

"Recent Acquisitions and Memorial Bequests"—Memorial Art Gallery of the U of R. Call 275-3081.

January 18—February 23

"Les Animaux Show"—Memorial Art Gallery of the U of R. Selection of pieces by 19th century sculptors, mostly French, who specialized in horses, dogs, stags, and other beastly subjects.

January 27—February 7

"East-West Trade Show"—MFA Gallery. A group show of West Coast photographers. Monday thru Friday, 9-5 p.m.

January 31—February 23

Art Exhibit—Nazarath College in the Arts Center lobby. Admission FREE. Hours: 9 a.m. to 9 p.m. weekdays. Weekends, noon to 6 p.m.

February 1—April 30

"The Extended Document"—International Museum of Photography. An investigation of information and evidence in photographs. Brackett-Clark Galleries. Photographers include John Baldessari, Thomas Barrow, Michael Bishop, Marcia Resnick, Richard Schaeffer, and William Wegman. Call 271-3361.

Placement Interviews

Central Placement Services announces that the following employers will be on campus this week to interview graduating students:

Mon., Jan. 27

Hertz Corporation will interview for Rental Reps., Lease Salesmen, District Controller Associate, Management Associate.

US Navy - Military Positions - will interview for Managerial Positions, Supervisory and Operational openings.

Tues., Jan. 28

US Navy - Military Positions - will interview for Managerial Positions, Supervisory and Operational openings.

IBM Corporation will interview for Sales and Marketing.

Wed., Jan. 29

Naval Ship Research & Development Center will interview for Research and Development in engineering and scientific fields.

Rockwell International will interview for Mechanical Engineering, Design, Research & Development; Electrical Engineering, Design; Industrial Engineering, Plant Engineer, Rates, Standards, Numerical Control.

Xerox Corporation will interview for Research & Engineering, Manufacturing.

Thurs., Jan. 30

Rockwell International will interview for Mechanical Engineering, Design, Research & Development; Electrical Engineering, Design; Industrial Engineering, Plant Engineer, Rates, Standards, and Numerical Control.

Fri., Jan 31

Brown Company will interview for Offset Printing Specialist.

News and Events is published every Monday during the academic year by Rochester Institute of Technology and distributed free of charge to the Institute community.

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