



January 19-February 1, 1976

Committee on Effective Teaching to hold series of faculty workshops

The Institute Committee on Effective Teaching will sponsor a one-day faculty conference on teaching Friday, February 13.

The conference will consist of a series of workshops held at various locations around campus. The conference is "part of the general effort to provide opportunities for faculty to learn new approaches," a committee spokesperson said.

Faculty will receive a brochure describing the seminar through the mail early in February.

Workshops and leaders scheduled for the conference include: The writing and use of course objectives - Dr. Paul Eickmann, Center for Instructional Development, Syracuse University; Designing self-instruction courses - Dr. Samuel

Postlethwait, Department of Biological Sciences, Purdue University; Criteria of effectiveness in teaching - Dr. Richard Meeth, Department of Higher Education, SUNY at Buffalo; Visual literacy and languaging - Mr. Jack Debes, Eastman Kodak Company; Verbal literacy: Teaching and maintaining verbal language standards (reading, writing, speaking) at RIT - Dr. Thomas Sawyer, College of Engineering, University of Michigan; The RIT application procedure for projects relating to productivity - Dr. William Mihal, College of Business, RIT; Testing: goals and techniques - Dr. Barbara Braverman, NTID; In the student's seat: A new look at various teaching styles - Dr. Paul Kazmierski, learning Development

Center.

Members of the Institute Committee on Effective Teaching include: Dr. Austin Bonis, College of Continuing Education; Dr. Todd H. Bullard, Provost; Dr. Robert Ellson, College of Engineering; Dr. Charles Haines, Assistant Provost; Mr. E. Kendall Hanks, NTID; Dean Edward Johnson, College of Business; Mr. Robert S. Kerr, College of Fine and Applied Arts; Mrs. Irene Payne, Learning Development Center; Dr. Mary Sullivan, College of General Studies, chairperson; Dr. Thomas Upson, College of Science; Dean Thomas Wallace, College of Science; Dr. Richard Zakia, Office of Instructional Development.

Printing students get videotaped instruction in successful experimental program

Printing students at RIT are getting videotaped instructions this year in a trial program which is proving successful for students and teacher.

Professor Joseph Noga is using televised laboratory demonstrations for his course in reproduction photography. Using the facilities of the Institute's Media Production Center, he has produced eight hour-long tapes covering such topics as enlarging and reduction for line work, use of filters, calibrating the camera for halftones, use of instrumentation, making contacts, duplicates, and film positives and other specialized techniques.

It's all part of the Institute's efforts to meet increasing costs by increasing faculty productivity--without reducing the quality of education.

Repro photo is a required course for printing students and is taken by many studying photography, too. Due to increasing enrollment, the School of Printing had to run six three-hour laboratory sections this year, totaling

18 hours of faculty time.

"Last summer it looked like we had three alternatives," explains Noga. "Hire another faculty member, discontinue the two advanced courses I teach, or turn laboratory instruction over to a graduate assistant. The latter was rejected because we feel RIT students are paying for and should receive professional educators. Hiring another faculty member would be expensive, and eliminating courses would shortchange students, too."

Noga looked for and found a better solution. For \$2,800, he was able to put his laboratory instruction on videotape. Each tape covers a specific laboratory demonstration and explains a lab assignment. After viewing the tape, the student completes the assignment under the supervision of a graduate assistant.

Programmed instruction is not new at RIT. Its Colleges of Business and Engineering use videotaped lectures on campus and for courses taught on site at local industries. But this is the first time

the teaching method has been used for a printing course, and it's the first time it's been done in color. ("Explaining color theory in black and white would be a real challenge," Noga comments.)

Noga believes the new approach to teaching benefits both students and faculty.

"TV actually has some advantages over a live demonstration," he explains. "Some points--like showing the difference between a hard dot and a soft dot--can be illustrated better electronically and often the TV camera can provide a closeup which would be difficult or impossible to get in a classroom, as in demonstrating the use and calibration of a reflection densitometer, for example."

Equally important to Noga, he feels television promotes quality instruction while allowing time for his professional development. He estimates he's gaining about 15 hours each week. "I have more time to spend preparing for the weekly two-hour

Videotape

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lecture for the course, which is still live, and time for extras, too. Next quarter, for example, I'll be helping some Mexican students with their plans to establish a printing school when they return to Mexico City. I also have more time to spend on the two advanced courses I teach."

Noga does not believe student-faculty relationship has been damaged. He makes it a point to check each lab session and he's been able to add extra office hours when he can meet with students individually.

Reaction from students has been positive. They appreciate the fact that tape has certain advantages over a live demonstration: Missed labs are easily made up, and the tapes are available for review when students want them. Test scores show no difference between information obtained from live lecture and that received via televised demonstration. Noga has keyed exam questions so he can keep a record of how information is presented.

The only drawback, Noga notes, is that some students become so engrossed in the program they forget to take notes, not a serious problem because the tapes can be reviewed at any time.

Enthusiastic about teaching by videotape, Noga sees many possibilities for using it for other printing subjects and for extending its use off campus.

"Our repro photo tapes are designed for use in our own facilities, with our own equipment," he points out. "But there's no reason why we couldn't prepare similar instructional material to be used in an industrial educational program."

Lomb Room luncheons

The Food Production Management class in the Department of Food Administration and Tourist Industries Management will prepare and serve luncheons daily except Monday during the Winter quarter.

The luncheons will be served at 12 noon in the Henry Lomb Room, beginning on Tuesday, January 27, and will be served every weekday except Mondays throughout the remainder of the quarter.

The luncheons include an entree, hot vegetable or salad, homemade bread, dessert and choice of beverage for \$1.95. All meals will be served by waiters and waitresses from the class.

The meals are open to the entire RIT community but reservations are required. Call 464-2351 between 8 a.m. and 4 p.m. to make reservations. Reservations will be accepted until 9 a.m. on the day of the luncheon.

Menus will be listed under "Continuing Events" calendar in News and Events.

On older students

Some experts are predicting more than a 50 per cent increase in the number of adults over the age of 24 who will be seeking college by the early 1980s.

A conference on some of the problems and opportunities these older students may experience is planned for February 29 through March 2 at the Notre Dame Retreat House in Canandaigua, NY.

Sponsored by RIT's Center for Community/Junior College Relations, the conference will focus on such topics as: career counseling for older students and women; the influence of personal, family and job responsibilities on the older learner; adult participation in college activities; and financial aid for the adult student.

The keynote address will be made by Dr. Jack E. Tirrell, vice president, American Association of Community/Junior Colleges.

Four workshops and four seminars will comprise the conference. Workshop leaders will include: Dr. Charles C. Spence and Ms. Karen Foley, Butler County Community College; Dr. Donald Baker and Dr. Paul Kazmierski, RIT; Ms. Helen Birenbaum, New York City Community College; Ms. Cathy Lester and Ms. Donna Walsh, Genesee Community College; Dr. Laurence Lipsett, Empire State College, SUNY; Ms. Ann Cohn, Corning Community College; and Dr. Edward Phoenix, Monroe Community College.

A media exhibition and demonstrations, prepared by Ms. Joan Green, RIT Audio-Visual Services, will offer a sampling of media that have been used successfully to aid adults in decision making, orientation, and special programs.

Community college counselors, faculty, older students, and members of community organizations in the northeastern United States are expected to attend. Further information can be obtained from conference organizer Richard Rinehart, director, Center for Community/Junior College Relations, 464-2001.

Southern Tier program

RIT's College of Continuing Education once again will offer in the Southern Tier the first two courses leading to the Bachelor of Technology degree in Mechanical Engineering Technology, according to Dean Harold J. Alford.

"The response was so heavy last fall, and there has been so much more interest expressed by area residents, that we've decided to repeat the first two courses," said Alford.

"Introduction to the Solution of Engineering Problems" and "Applied Mechanics of Materials" were the first

courses that kicked-off the program in September 1975 and are scheduled to be repeated.

RIT is the first institution in New York State to have its Bachelor of Technology programs in Engineering Technology fully accredited by the Engineers' Council for Professional Development (ECPD).

The once-a-week, four-hour classes utilizing the facilities of Alfred Tech and the faculty of RIT are scheduled to begin during the second week of January, and will meet on either Tuesdays or Thursdays from 5:30 to 9:30 p.m.

The fall courses drew students from a variety of Southern Tier industries. They included the Ingersoll-Rand Company, Turbodyne Corporation, Air Pre-Heater Corporation, Dresser Clark Industries, Rochester Button Company and Alfred Tech.

Les Loucks, manager of Educational Programs at Air Pre-Heater, called the program "helpful to both management and students.

"It's helpful when an institution like RIT comes to the rural areas and offers people a chance to further their education at a reasonable cost right in our area," he said.

Kent Lewis, a draftsman at Air Pre-Heater, agreed. "It's the only opportunity we have in this area to work towards a four-year engineering degree."

Steve Allen, a draftsman with Turbodyne, called it "an excellent program."

"It fills a lot of gaps between the practical we encounter at work and theory," Allen commented.

Registration for the program will be 5 to 8 p.m. Tuesday, Jan. 13, at Alfred Tech, and is open to anyone holding an A.A.S. degree in Mechanical Technology.

For more information, call Professor Bernard Logan, Program Coordinator and Advisor, at (716) 464-2220, collect.

Faculty show

Bevier Gallery, RIT, opened its annual "Faculty Show" on Jan. 10.

Running through Jan. 30, the exhibit displays art works of the faculty of the RIT College of Fine and Applied Arts. Works include light sculpture by James E. Thomas, handcrafted wooden cabinets by William Keyser, paintings by Robert Heischman, and many more art objects and designs.

Participating faculty teach in the two schools of the College, the School of Art and Design and the School for American Craftsmen.

Gallery hours are: Mon.-Fri., 9 a.m. to 4:30 p.m.; Mon.-Thurs., 7 p.m. to 9 p.m.; Sat., 10 a.m. to 5 p.m. and Sun., 2 p.m. to 5 p.m.

International register

The Registrar's Office reminds International persons that they must register their 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 Foreign Student Office.

There is a penalty for not fulfilling this obligation.

PBA meet

On Thursday, January 22, at 12 noon in the 1829 Room of the Union, Brigadier General Mary E. Clarke, director of the Women's Army Corps, will speak. Her topic will be "Women in professions-where we have been and where we are going."

All Institute women are invited to bring their lunch to this PBA-sponsored meeting.

Metro art show

Soft Creations, a one-woman show by Violet Delight, is being featured at RIT's Metro Art Gallery through February 14.

Ms. Delight is exhibiting an array of rubber sculptures and stuffed forms based on familiar objects, which often result in the humorous as well as the unexpected. She also incorporates everyday materials in her environmental paintings and wall hangings.

A 1974 RIT graduate with a Master's in Fine Arts, Ms. Delight resides in New York City. This is her first one-woman show here in Rochester.

The Metro Art Gallery, operated by RIT's College of Continuing Education, is located on the fourth floor of the Metro Center at 50 West Main St. Its hours are: Monday, 12-4 p.m.; Tuesday-Thursday, 4-8 p.m.; and Saturday, 10 a.m. to 2 p.m.

Book seminar

"So you want to publish a textbook," a seminar and book display for faculty, will be held at RIT January 29 and 30.

Sponsored by the Bookstore, the seminar will include workshops by publishing company officials and book displays of recent publications by eight of the country's major publishers.

Faculty should contact Chuck Bills in the Bookstore for further information.

Continuing events

NTID Experimental Educational Theatre - "Joseph and the Amazing Technicolor Dreamcoat" (A Rock Contada by the Authors of "Jesus Christ Superstar". Tickets go on sale Jan. 21 at the NTID box office, 10 a.m.-2 p.m. and 4-5 p.m. \$1.50 for adults and \$.50 for students. Group rates available. Phone reservations at 464-6250.

Friday, Saturday and Sunday, Jan. 30, 31 and Feb. 1 at 8 p.m. in the NTID Theatre.

PBA Meeting - January 22, 1976 at 12 noon in the 1829 Room of the College Union. Brigadier General Mary E. Clarke, Director of the Women's Army Corps will speak on "Women in professions-where we have been and where we are going. All Institute women invited.

Bevier Gallery - The Faculty Show - Jan. 10-30. Works by the faculty of the College of Fine and Applied Arts, RIT.

Metro Gallery - "Soft Creations" by Violet Delight. Gallery Hours: Mon. 12-4, Tues.-Thurs. 4-8, Fri., 12-4, and Sat. 10-2.

Would you like to be able to prepare the exotic foods of India in your own kitchen? Now you can learn how in a six-week class offered by the Jewish Community Center's Adult Dept. on Thursdays from 7:30 to 9 p.m. beginning Jan. 22. Registration is open to new and continuing JCC members. Call 461-2000, ext. 260 for information.

Henry Lomb Luncheons - Tentative Menu for week of January 27-30.

Tues. Jan. 27 - Chicken Tetrizzini, Fresh Pineapple-Orange Salad-Honey Lime Dressing, Whole Wheat Muffins-Butter-Fresh Cranberry Whip with Butter Cookie-Choice of Beverage.

Wed. Jan. 28 - Italian Meat Loaf-Tossed Green Salad-Italian Dressing-Hot Garlic Bread-Fresh Fruit Cup-Choice of Beverage

Thurs. Jan. 29 - Sweet-Sour Pork over fluffy rice-Fresh grapefruit & apple salad-Poppy seed dressing-Hot Cornbread-butter-Chocolate Fudge Pudding with whipped cream-choice of beverage.

Fri. Jan. 30 - Shrimp Macaroni Casserole-Mexican cole slaw-hot baking powder biscuits-butter-Baked Apple with ginger hard sauce-choice of beverage.

News and newsmakers

News & Events was recently given first place award for employee publications with under 5,000 circulation in a competition sponsored by the International Association of Business Communications, a professional public relations organization.

RIT professor **Alexander S. Lawson** recently delivered the third annual D.A. Dwiggins lecture sponsored by the Society of Printers and the Boston Public Library. His topic was "Frederic W. Goudy--A Look Into the Archives."

The current issue of the "Harvard Business Review" contains an article, "High Score on the Discourtesy Scale" by Professors **Eugene Fram and Herbert Mossien** of the College of Business. The article presents results from a study of 294 lower, middle, and upper managers relating to inconsiderate actions in the managerial ranks.

Many plans are being made to celebrate the Bicentennial year with **Bob Wickson** from the College of Fine and Applied Arts being newly elected president of the Scottsville Fire Department.

Positions available

Listed below are the current openings at RIT as of 1/12/76. For further information please check the current job list in your college or administrative department.

Part-Time General Staff Positions

Secretary-Dept. of Career Opportunities
Secretary-Student Affairs
Secretary-Mechanical Engineering

Full-Time Administrative Staff Positions

Systems/Analyst/Programmer-Program Analysis
Systems Data Manager-Development Office
Librarian-Graphic Arts & Photography
Resident Director-Housing
Superintendent of Maintenance-Campus Services.

Part-Time Administrative Staff Positions

Occupational Research Asst.-DOLR/NTID

Faculty Positions

Coordinator of Career Development-NTID
Coordinator of Interpreting Service Section
Faculty - Accounting
Instructor-Civil Architectural Technology
Instructor-School of Printing
Chairperson-Instructional Television
Associate Ed. Specialist-Pre-Prof. Programs
NTID Advanced Programs, Ed. Support Services for the Institute College of Engineering
Associate Ed. Spec.-College of Science Support Team
Research Associate-Audiology Dept/NTID
Faculty-Coordinator of Audiology Service Section
Faculty-Data Processing
Dept. Chairperson-Computer Applications
NTID

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Rochester Institute of Technology

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RIT grad printed famous Rochester map

Few people will look at the exquisite 1832 map of the City of Rochester or hear the tale of its origin and think of Denise Heischman, although she's played her role in the map's story.

Until this year there had been only one known print of the map, which was designed by Valentine Gill, an engineer for the Erie Canal. The copper plate for the map, however, has been kept for generations by a local family.

In 1974 the late Mrs. Sanford G. Slocum of Brighton gave the copper plate to the University of Rochester, which decided to commission 100 first edition prints through its Friends of the University of Rochester Libraries.

A search for an etching press large enough to accommodate the map and a skilled printmaker to do the work brought the University to RIT. Denise, former director of Bevier Gallery and a master's graduate of RIT's printmaking program, accepted the job.

Denise knew what she was getting into - printing 100 maps measuring 34" by 26½" takes every bit as much discipline as it takes skill. At first every print took her 45 minutes from start to finish, not including the overnight dampening of handmade French paper which she used for the prints.

Because she appreciated the antique quality of the map, Denise did not work to remove the scratches that had accumulated on the plate through the years. The result is a map with the freshness of a new print and the charm and historical interest of an old map.

The 1832 map is believed to have been used as part of Rochester's application to become a city. It is dedicated to Jonathan Child, who became the first mayor of the City of Rochester. Apparently partisan battles in Albany kept the village from becoming a city in 1832 when it originally submitted its proposal. It was finally granted a city charter in 1834.



Denise Heischman

The maps are currently being sold at \$100 each in support of the University's library collections. Several prints have already been purchased. Those interested

in obtaining a map can contact Ben C. Bowman, director of UR libraries.

—Carolyn Rankin