



November 25-December 1, 1974

Move Over Classroom--Here Comes The Learning Center

The days of the traditional college classroom, where everyone sits in rows and hears the same lecture at the same time, may be numbered.

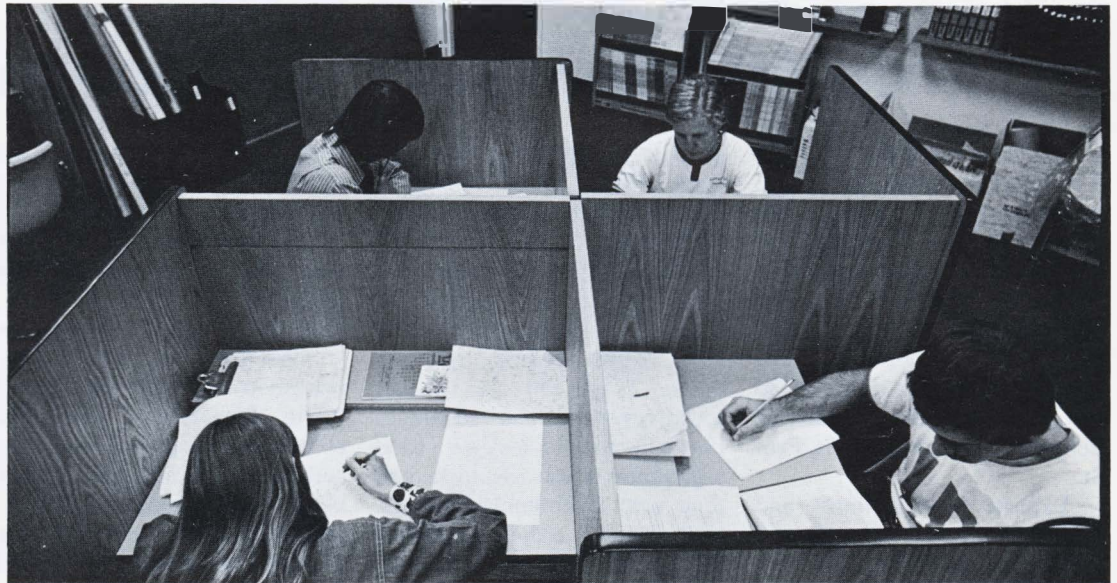
Instead, the Learning Center, which many educators say is the freshest educational concept to come along since the mid-1800's, is fast taking over the college teaching scene.

Developed and adapted for use at RIT originally by the NTID mathematics department, the idea has spread quickly to other colleges and departments: The College of Science is in the process of establishing a center; the College of Business has one already operational; and in addition to the Math Learning Center NTID has established a Physics Center, an English Center, and a Biology Center.

There are minor differences between the centers throughout the colleges. But they are identical in concept: each seeks to establish, as the report on the Math Learning Center notes, "a completely individualized program where the students can learn at their own pace, have access to teachers as they need them, and come in for instruction as they wish."

The NTID Math Learning Center, since it was the first of the centers, has served as a prototype for the rest. Located in a large room, the Center offers no scheduled lecture courses. Instead, students work with their instructor to establish a program and choose courses from the 19 that are offered.

Students are not scheduled to come to the Math Learning Center, but they are expected to come in at least three to five



Students in the math learning center do most of their work individually.

times weekly. Their progress through a program of study is completely up to them: they can finish it in two weeks or two quarters, depending on how difficult the work is for them. Instructors check a student's progress frequently, and are available at all times for special help.

"Our program was developed four years ago to meet the needs of deaf students," said Marvin Sachs of the NTID Math Learning Center. "But we found the concept to be applicable to all types of students and all types of programs. So other colleges developed their own programs with modifications to suit their own needs."

The College of Business Learning Center, for example, uses a modification of one of NTID's Math programs.

And the College of Science Learning Center will use

Council Adopts Traditional Calendar, Names Group

RIT's Policy Council last week approved a traditional quarter system calendar for the coming year and appointed a committee to study alternative academic calendars.

The council had been asked to decide whether RIT should go to a "split winter quarter" calendar for the 1975-76 year.

The split winter quarter calendar is a quarter calendar shifted so the Fall starting date is immediately after Labor Day, and the Winter Quarter is split by a holiday recess.

Proponents of the split quarter calendar said it would allow at least one week break between each quarter, a

lengthened summer quarter, and both faculty and students would be finished by late May.

Opponents of the split quarter noted that it would require faculty to return before Labor Day, would cut down on student orientation time, would conflict with some co-op schedules, and that the long break in the middle of Winter Quarter could be educationally unsound.

The calendar approved by policy council schedules Fall classes to begin September 24, Spring vacation March 20 through 23, and Commencement June 6.

Learning Centers "Applicable To All Types Of Students"

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materials developed by RIT and NTID, to be used by students from both colleges.

What are the advantages of the learning center concept?

Instructors at most of the centers agree that the centers allow students the freedom to develop a more individualized program, the chance to get more individual attention, and that they require students to think seriously about their own

progress and goals.

Why has the concept taken hold of college education so strongly in the last few years?

It's due to improved technology and media use, said Dr. Kathleen Crandall of NTID's English Learning Center.

"Part of our success is definitely due to the improvement of technology and its applications to learning," she said. "To develop a really

individual program for a student you either need lots of teachers or lots of technology."

The learning center, she said, uses a lot of technology like audio visual media and carefully planned modules of study, to free the instructor for work with individual students.

Do students like the learning centers?

Not if the idea is new to them, said Sachs.

"It takes the student a quarter or so, particularly if he's very used to the traditional teaching methods," he said. "The student will clamor for that traditional approach and there'll be some initial frustration until he sets his goals and gets into his own program of study."

"But in the end, most of them see the benefits of the approach," he said.

Workshop Will Help Plan For USA Bicentennial

A workshop for Rochester-area retailers, small-business owners, arts organizations, neighborhood groups, and other interested citizens to help them plan their own ways to participate in local Bicentennial activities will be held from 8:30 a.m. to 1:30 p.m., Dec. 4, at the Chamber of Commerce Building, 55 St. Paul St.

Experts from national and state Bicentennial agencies will lead workshop discussions.

Included in workshop topics will be "The Bicentennial--Their Perspectives and Yours!" presented by Carlos Campbell, deputy director of programs, American Revolution Bicentennial Administration, Washington, D.C. and Dr. Louis

L. Tucker, executive director, New York State American Revolution Bicentennial Commission.

They will present an overview of national Bicentennial goals and plans and what other communities are doing. They will also discuss specific methods and techniques local businesses and organizations can use to launch their own Bicentennial Projects.

Leading other workshop discussions will be Omar K. Lerman, research director, Bicentennial Programs, New York State Council on the Arts; and John W. Fisher, who coordinated Canada's recent centennial celebration.

Gene DePrez, workshop chairman and director of

communications at RIT will deliver introductory remarks and will moderate the session.

An additional highlight of the workshop will be the showing of a three-screen, multi-image slide presentation.

Commenting about the workshop's purpose, DePrez said "The Bicentennial Workshop will present program possibilities and inform participants of what kinds of programs are already planned for the Rochester area and for other areas in the United States."

He added, "Participants will become acquainted with program resources and procedures for planning and implementing Bicentennial programs. The workshop will attempt to define a realistic and

practical framework for community participation and aid in the effort to coordinate all Bicentennial activities in the Rochester area."

The program is open to the public. A \$5 fee, which includes lunch, will be charged and preregistration is required.

Sponsors of the workshop are the Bicentennial Congress of Monroe County, Inc.; Rochester-Monroe County Bicentennial Committee; Rochester Area Chamber of Commerce, Inc.; and New York State American Revolution Bicentennial Commission.

For further information contact Roger Powell, RIT's Extended Services Division, 50 W. Main St., Rochester, N.Y. 14614 or Call (716) 262-2711.

Nathaniel Rochester Society To Help Colonel Rochester

Col. Nathaniel Rochester still has friends in the city he founded.

The Colonel's broken gravestone in Mt. Hope Cemetery was brought to public notice in a recent article appearing in the Brighton-Pittsford Post.

RIT and the Genesee Monument Association have both offered to improve the gravesite.

The Association will reset the marble grave marker currently lying forlornly in the autumn leaves.

RIT, through its Nathaniel Rochester Society, will assume responsibility for the annual care of Rochester's plot. "The Nathaniel Rochester Society feels it is particularly appropriate to assist in this matter, because Nathaniel Rochester was founder and first president of RIT's predecessor institution, the Rochester Athenaeum," explained E. Kent Damon, chairman of the Society.

The Nathaniel Rochester Society, organized in 1967, is a group providing support and

counsel to RIT.

The society will also explore the possibility of additional signage directing people to the grave.

The gravesite is on a small knoll reached from the main entrance to Mt. Hope Cemetery on Mt. Hope Ave. A panoramic view of the city is possible from this vantage point.

Fittingly, on one side of Col. Rochester's marker are the words, "If you seek his monument, look about you."

During her brief stay as a

cooperative education employee at St. Anthony's Hospital in Columbus, 23-year-old Catherine Callan made quite a change in the hospital procedures.

The third-year hospital dietetics student in the College of Business at RIT enacted an inventory control system for the food storeroom.

The daughter of Mr. and Mrs. Leonard Callan of 4194 Cameron Road, Caledonia, co-oped at St. Mary's the past summer.

Grants

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 programs 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

Dec. 2, 1974 - Engineering Research Initiation Grants (74-32).
Dec. 2, 1974 - Graduate Fellowships (75-12).

Dec. 13, 1974 - Instructional Scientific Equipment Program (75-15).

Dec. 15, 1974 - Improved Dissemination and Use of Scientific and Technical Information (74-38).

Jan. 1, 1975 - Research in Antarctica (73-12).

Jan. 6, 1975 - Energy Related Graduate Traineeships (75-20).

Jan. 15, 1975 - Senior Foreign Energy Scholars Program (75-38).

March 1, 1975 - NATO Senior Fellowships in Science.

This program is oriented toward the study of new scientific techniques and developments during short visits abroad, awards to be announced on May 15, 1975.

U.S. DEPARTMENT OF THE INTERIOR

Jan. 5, 1975 - Title II Water Resources Research Projects.

(1) Improving Water Resources Planning and Management.

(2) Encouraging Indian Self-Determination

(3) Problems of Energy Related Water Supply.

(4) Promotion of Water Use Efficiency.

(5) Protection of the Environment.

U.S. DEPARTMENT HEW, OFFICE EDUCATION

Nov. 29, 1974 - Educational Broadcasting Facilities Program.

BUREAU OF EDUCATION FOR THE HANDICAPPED

Dec. 4, 1975 (MAIL) - Student Directed Research Grants (Grants average \$5,800).

Jan 2, 1975 (MAIL) - Field-Initiated Research Grants for Faculty.

PUBLIC HEALTH SERVICE

Jan 25, 1975 (MAIL) - Public Health Service Research Grants - to be reviewed in June '75 for Sept. 1, '75 beginning date.

U.S. INFORMATION AGENCY

Dec. 1, 1974 - STUDENT Grants up to \$3,000 for production of sound films or videotapes for foreign distribution - films to be documentary dramatizations or animation.

NATIONAL ENDOWMENT FOR THE HUMANITIES

Jan 1, 1975 - Education Programs. Program Grants, beginning after August 1, 1975. Development Grants beginning after August 1, 1975.

Jan 24, 1975 - Public Programs. Projects beginning after July 15, 1975.

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 Programs. Projects beginning after Oct. 15, 1975.

NATIONAL ENDOWMENT FOR THE ARTS

Dec. 20, 1974 - Draftsmen Fellowships FY75.

Jan 1, 1975 - Works at Art in Public Places, Group II and Group III FY75.

Master Craftworkers Apprenticeship Program FY75.

Jan. 15, 1975 - Photography-Exhibition Aid FY75.

Visual Arts in the Performing Arts FY75.

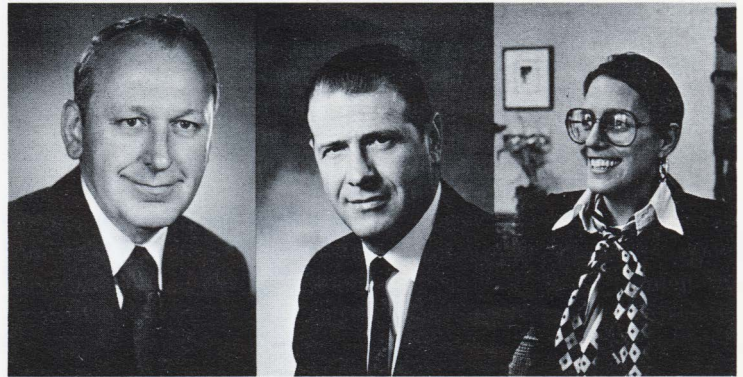
Feb. 1, 1975 - Artists Services FY75.

May 30, 1975 - Photographers Fellowships FY76.

THE WHITE HOUSE FELLOWS

Dec. 2, 1974 - Application for a one year assignment as assistants to senior White House staff members, Vice President, Cabinet officers and other top Government officials. Applicants must be at least 23 years old but not 36 by Sept. 1, 1975, assignment date, Sept. 1, 1975 to Sept. 1, 1976 with a salary range up to \$30,147. Application forms and additional information is available in the Grants Office.

Trustees Name Three To Join Board Activities



Chandler

Wilson

Kling

The Board of Trustees elected three new members at its recent meeting.

Joining the Board are: Colby H. Chandler, executive vice president and director, Eastman Kodak Co.; John R. Wilson, general manager, Rochester Products Division, General Motors Corporation; and Katherine W. Kling, founder and partner, New Rochester.

Presented to the Board by Alexander Hargrave, chairman of the nominating committee, the three new members will bring to 41 the current Board membership.

Colby H. Chandler, 51 Taylor Rd., Honeoye Falls, began his career with Eastman Kodak Co. in 1924. He is a member of the Rochester Association for the United Nations, Chamber of Commerce of Rochester, and serves on the board of directors of the

Rochester Civic Music Association, Industrial Management Council, and Lincoln First Bank of Rochester.

John R. Wilson, Jr., 11 Split Rock Rd., Pittsford, has been active in the local Chamber of Commerce; is president of Otetiana Council, Boy Scouts of America; and is a member of the board of directors for the Genesee Valley Group Health Association, the Industrial Management Council, and Rochester Business Opportunity Corp.

Katherine W. Kling, 40 Sandringham Rd. Rochester, is a graduate of the University of Rochester. She is a member of the Board of Directors of the United Community Chest, a partner in New Rochester, Inc., an organization founded to rehabilitate homes in the City's third ward, and is a member of the Brighton Democratic committee.

News and News Makers

Professor Nile Root, Coordinator of the Biomedical Photography Program received two awards at the 44th Annual Meeting of the Biological Photographic Association. Root received the Charles Foster Memorial Citation for the best color photomicrographic print and the First Award in the general illustration category. Several graduates of RIT's biomedical photography program have examples of their work selected for exhibit at the meeting, including Paul Reimann, Max Schlesinger, and Kay Smathers who are now graduate students at RIT....Dr. Andrew J. DuBrin, professor in the college of Business, was interviewed Nov. 19 by Joey Adams of Radio Station WEVD in New York. The topic was DuBrin's book, "Survival in the Sexist Jungle."...Bruce B. Bates vice president of E.F. Hutton and a trustee of RIT was elected chairman of the Rochester-Monroe County Red Cross board of directors.

Events

Monday, November 25

"Talk with Slides"—Opportunity to hear significant American painter Elaine DeKooning. 10-12 a.m. Ingle. 5 p.m.—College Union Board Meeting. All interested students are encouraged to attend. Alumni Room, CU. x2509.

7 p.m.—Student Senate Meeting. Info. x2203

7 p.m.—RIT Chorus meets. Multi-purpose Room, CU.

8:30 & 11:30 p.m.—Monroe Community College. W.C. Fields "80 Proof." Little Theatre, MCC.

PSK—Cash Bar, open to Greeks.

Tuesday, November 26

1 p.m.—Commuter Organization meeting. CU Commuter Office, basement.

1 p.m.—BACC meeting. Bldg. 06, Rm. A-201.

1 p.m.—RITCUS meeting. Conf. Rm. D, CU.

1-2 p.m.—Christian Science Counselling. Conf. Rm. B, CU.

2-5 p.m.—Commuter Hour in the Ritskeller. Reduced prices on beer. Open to all. Start the Holiday right.

3-5 p.m.—Commuter Hour sponsored by the Commuter Club.

6-7:30 p.m.—Aviation Club meeting. Rm. M-2, CU.

7 p.m.—RIT Jazz Ensemble. Multi-purpose Room, CU.

7-9 p.m.—Mini Work Shop—"How to Cheat Legally on Exams," Room M 2, U. Dr. Paul Kazmerski will be speaking. Call 2284 for more information.

7:30 p.m.—Christian Science Organization. Rm. M-2, CU. Everyone is welcome.

Wednesday, November 27

Thanksgiving Vacation begins.

Thursday, November 28

Thanksgiving

Friday, November 29

"The Runaway Railway"—A group

of children renovate an old locomotive and pretend they are running it when to their delight, it builds up a head of steam and takes off. Rochester Museum and Science Center. Adults \$1, children 50c. 2 & 8 p.m.

Saturday, November 30

The Living Museum—Talks, demonstrations and objects from the Museum's collections. Rochester Museum and Science Center. 1-5 p.m.

Prehistoric Iroquois Archaeology. Discussion with archaeologists on techniques used at local sites. 1-5 p.m. Second floor, Rochester Museum and Science Center.

Sunday, December 1

The Living Museum—See Saturday, November 30

7:30 p.m.—MSO meeting. All married students are encouraged to attend. Mezzanine Lounge, CU.

7-10 p.m.—Boswell Coffee House. Live entertainment. Multi-purpose Room, CU. FREE.

Continuing Events

Through November 29

Drawings-Multicolor-by Sheila Wells, School of Art & Design, Shaw-Rimington Gallery, 20 Birch Ave., Toronto, Ontario. Gallery hours: Tues-Sat 10:30 to 6.

Through February 14

"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.

Through November 24

"Silent Spheres"—New secrets that man has pried from the planets and their satellites. Strassenburgh Planetarium. Call 244-6060 ext. 56

Through November 29

M.F.A. Gallery—Works by Michael Teres-Photo faculty at Geneseo. Building 7, 3 rd floor. 9 a.m.-5 p.m.

Every Tuesday

Christian Science Organization—College Union, Room M-2. Regular Meeting 7:30 p.m. Counseling, College Union Conference Room B, 1-2 p.m. Contact Ron Clarke at 4359.

November 18-December 13

Wallace Memorial Library Gallery (2nd floor). Association of American University Presses 1974 Award winning book show, daily.

November 25 through January 5

"Star of Christmas"—A holiday tradition which captures the joy of the first Christmas while searching for an explanation of THE star. Strassenburgh Planetarium. Call 244-6060 ext. 56.

December 5

Mini Work Shop—"How to Cheat Legally on Exams." 7-9 p.m., Room M-2, CU. Dr. Paul Kazmerski will be speaking. Call 2281 for more information.

Placement Interviews

Monday, November 25

Union Central Life—Interviewing for life and health insurance agents.

General Foods Corporation—Interviewing for technical assistant to M & E Mgr.

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