

NEWS & EVENTS

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Rochester Institute of Technology

Community Chest/Red Cross Campaign Underway at RIT

It's nice to be needed and this year you are needed more than ever by over 90 United Community Chest agencies and the Rochester-Monroe County Chapter of the American National Red Cross in the annual United Community Chest/Red Cross Campaign.

The once-a-year campaign, extending this year from April 5 through May 14, will provide money to help thousands of local people in the Greater Rochester Area.

The \$12.8 million goal will in all probability be the absolute minimum needed to maintain just the present level of services in UCC agencies and the Red Cross for the coming year, according to Frank M. Hutchins, chairman of the Executive Committee of Hutchins/Darcy Inc., and this year's General Campaign chairman.

"The goal increase is below the cost-of-living increase," Hutchins emphasized, "which is reflected in all agency budgets--food for children and aged in home and day care centers, medicines in clinics, equipment for handicapped and youth, clothing for needy school children. It represents a realistic goal, considering not only rising costs and minimum needs, but the give-ability of the community."

Hutchins pointed out that more dollars are actually needed and could be used by the agencies. Agency budget requests, as certified by their boards of trustees, actually total much more than the goal figure.

More than ever, efficiency and economy are the goal of the Campaign. Campaign expenses run only 3.4 cents out of every dollar contributed, compared to 10 to 50 cents for separate drives.

Budgeting and planning are now vested in the new United Community Chest, while the Campaign concentrates on the increasingly complicated task of raising adequate funds to meet growing

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Proposed RIT Site Plan Includes Bike Paths, Golf Course

"Blending the campus into a total experience, a total living space" is the aim of the recommendations in the Proposed Master Land Use Plan John Waker has developed for RIT's Henrietta campus.

Waker, Institute consultant and land planner, presented the results of 18 months of work to a meeting in Ingle Auditorium Wednesday, April 10.

Waker welcomed feedback from the Institute community and directed comments to Chuck Smith in Physical Plant. The proposal, with feedback, will be presented in June to the Administrative Committee for its decision. Approval by the Board of Trustees is also required.

Waker said there will be almost six years in which to implement suggestions, aiming for the 150th Anniversary celebration in 1979

Among the proposals are:

- Bicycle paths, including a bikeway loop to Riverknoll and the athletic fields;
- Planned use of wildflowers;
- Increased use of agricultural land;
- 12 miles of various trails around campus;
- A possible golf course;
- Turning the administration circle into a "people space" with a fountain, sculpture or pond and a more northern turnaround for cars;
- More walks;
- A visitor information booth;
- A lighting plan that incorporates concerns for safety and the conservation of energy;
- A more functional entrance to the College of Graphic Arts and Photography;
- Softening the view along the quar-

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Dr. Bernard R. Gifford, deputy chancellor of the New York City Board of Education and former president of Rochester's FIGHT Organization, greets Mrs. Jessie James, organizer of RIT's Rap & Produce conference, held April 5 and 6 at the Institute's Metropolitan Center. Dr. Gifford was keynote speaker at the event at which more than 500 people from Rochester, including people from the inner-city community, educators, public officials, students, and businessmen, met to explore and find solutions to specific problems facing the people of the community. Workshops dealing with ten different problem areas were held at this, the fourth annual Rap & Produce conference.

Science Students, Doing Unique Liquid Research On Co-op, Publish In American Chemical Society-Journal

Pat Sharpe is 23. George Olin is 21. Neither has his bachelor's degree. Yet the two of them have done novel chemical research in collaboration with Ph.D.s at Xerox and have published the results in the prestigious Journal of the American Chemical Society.

Sharpe and Olin, students in the College of Science at RIT, have the opportunity to do paid research in their chosen field. It's an experience many undergraduates in chemistry don't get.

Through the co-op program at RIT, students in science, engineering, business, applied science, printing, and computer science and technology alternate academic quarters with industrial work quarters during their last two or three undergraduate years.

Sharpe and Olin share a job-doing liquid crystal research in the Chemistry Research Laboratory with Dr. Frank D. Saeva, senior scientist at Xerox Corporation's Webster Corporate Research Center. One quarter Sharpe is in school and Olin is on the job, and the next quarter they switch.

The team of Saeva, Olin and Sharpe are among the few chemists anywhere doing research into certain unique optical properties of cholesteric liquid crystals. Three articles in the Nov. 14, 1973, issue of the Journal of the American Chemical Society—two authored by all three and the other by Saeva and Olin—describe the progress of that research.

"These two are excellent chemists, as the publications show," compliments Saeva, who's worked with Co-op students for three years (some from other institutions), but none as long as Sharpe and Olin. "And this is really an ideal situation for them. Normally a scientist doesn't get to do this kind of work until he's well along in graduate research."

Saeva describes his relationship with the two students: "They're working with me, not for me. We're all learning together. They're very enthusiastic, in many cases more so than people for whom this is just a job. It's inspiring to me, too. This sort of thing is a very pleasing thing to happen to you."

Returning the compliments, Sharpe says, "I don't feel anyone held me back because I was a student. Frank would always explain things; he was teaching me new things all the time. It's a good learning experience."



George Olin (from left), Pat Sharpe and Frank Saeva discuss some liquid crystal optical spectra.

"It's like one big family here, really nice," agrees Olin. "Everyone's helpful. If you have questions, all you have to do is ask."

For RIT students, Co-op is more than a learning experience, as important as that aspect is. It's also a chance to crystallize their career goals, to get a headstart in finding a post-graduation job, and to make money.

Both Sharpe and Olin chose RIT because of the Co-op program. The Co-op experience has convinced both that they want careers in research chemistry.

"I wasn't really sure what I wanted to do in chemistry. Co-op gave me the chance to look around," says Olin.

"I know now that I want to find a research job similar to what I was doing at Xerox," says Sharpe.

Sharpe earned enough during his last Co-op quarter to pay 75 per cent of this quarter's school expenses. Co-op salaries generally fall between \$120 and \$170 a week, depending on whether the student is starting or completing his Co-op program, and on the generosity of his employer, says Richard Bircher of RIT's Central Placement Services.

Even if his Co-op employer can't keep him on after graduation, the student with Co-op experience has an edge in competing for any job, Sharpe and Olin believe.

"Any time you get a chance to work

in your field before you get your degree, it'll help," says Olin. "Everybody's looking for people with experience."

"Even if an employer didn't consider me better qualified—and I doubt that—I feel more qualified, so my self-confidence would be greater," Sharpe believes.

Legislation On Problems Available Through NTID

Alice Beardsley of NTID has copies of the following pieces of legislation, available for inspection by any staff member. All are recommended by the New York State Commission to Investigate and Study Problems of the Deaf. For further information contact her at 464-2066.

A-9256;S-7832: To license Speech Pathologists and Audiologists.

A-9307: Full deduction for the cost of hearing aids or appliance; to be deducted from miscellaneous instead of medical.

A-8835; S-7503: Licensing of hearing aid dealers and fitters.

A-6590, S-4474: Creation of a Permanent Commission of the Deaf.

A-6590;S-4474: Creation of a Permanent Commission of the Deaf.

A-3340;S-2663: To allow deaf children to go to school at 18 months with the parent to begin their basic education.

GRANTS

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

National Science Foundation

1. A.S.A.P.: Research Opportunities for Small College Faculty, call ext. 2388 for a list of local projects.
2. June 30, 1974: Research Management Improvement Program (73-18).
3. OPEN: Materials and Instruction Development (74-3).
4. OPEN: Alternatives in Higher Education (74-5).
5. OPEN: College Faculty Workshops (74-6).
6. OPEN: Technological Innovation in Education (74-10).
7. OPEN: Educational Program Restructuring (74-10).
8. OPEN: Field Initiated Studies, Experimental in Science Education (74-11).
9. A.S.A.P. Project Compute, Dartmouth College, Sponsored by NSF Computer Oriented Materials.

NATIONAL ENDOWMENT FOR THE ARTS (Visual Arts Program)

1. May 30, 1974: Photographer Fellowships, FY/74.

U.S. OFFICE OF EDUCATION

1. May 17, 1974: Community Service and Continuing Education for Adults. Special Experimental and Demonstration Projects which seek solutions to national or regional problems related to Technology and Social changes and environmental pollution. Priority areas include drug abuse, educational projects for women, prison inmates and senior citizens. Also employers, employee-organized labor problems of Technological unemployment and city hall, university cooperation in urban research and training of local officials.

THE NATIONAL GEOGRAPHIC SOCIETY

1. OPEN: Basic Research in Sciences, pertaining to geography-anthropology, archeology, astronomy, botany, ethnology, marine biology, paleontology, zoology, etc.

Interested individuals should write a one-two page letter to the Society briefly outlining the proposed project and requesting standard application forms. Grants range from \$300 to \$10,000.

NATIONAL ENDOWMENT FOR THE HUMANITIES

1. May 6, 1974: Research Grants - Research team support, vis 2-3 faculty and/or research assistants plus equipment and supplies
2. June 17, 1974: Fellowships Grants for any kind of individual scholarly, investigation. Usually limited to 1 year salary plus some travel funds.

NATIONAL INSTITUTE OF EDUCATION

1. April 22, 1974: Grants to Develop Organizational Strategies for Sustained Improvement of an Urban School or Cluster of Urban Schools.

Proposals are restricted to activities which extend, refocus or add new components to existing activities or organizational arrangements.

U.S. Rep. Conable Will Address 650 at Management Convocation

Representative Barber B. Conable Jr. will be featured speaker at RIT's 48th Annual Management Convocation, April 24 at the Rochester Chamber of Commerce.

The Convocation and dinner, which begins at 6:30 p.m., will honor more than 150 management and supervisory personnel of local businesses and industries who have completed management courses at RIT's College of Continuing Education. Also honored at the Convocation will be Michaels/Stern & Company, which is celebrating its 125th anniversary.

Professor Vernon R. Titus, director of Management Diploma Courses at RIT, says graduates of the program have completed study in such areas as: industrial and office supervision, sales, materials handling and packaging transportation and industrial engineering. More than 650 people are expected to attend the Convocation.

Third Spring Planting Festival Set May 4

The third annual Spring Planting Festival will be held Saturday, May 4, from 8:30 a.m. to 4:30 p.m., Chuck Smith, superintendent of grounds, said last week.

Smith said the festival area will be in the rear of the College-Alumni Union.

He said more than 80 pine trees should be planted during the festival, and that refreshments will be served throughout the day.

Community Chest

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needs.

Standardized accounting, priorities of needs, more precise year-round budgeting and planning of the new United Community Chest will make it possible for the annual Campaign to fulfill accountability to the giver in an even more meaningful way.

Your Fair Share contribution--a minimum of one hour's pay each month--will provide another human being with needed nursing care, medicine, surgery, marriage counselling, special education, therapy, guidance, a home, clothing, braille books, job-training, drug information, psychiatric help...and more, each according to his need.

Conable, who is serving his fifth term from the 35th Congressional District in Western New York, is expected to talk about current governmental problems. He is a member of the Committee on Ways and Means, which considers legislation on taxation, social security, welfare, and trade. He is also a member of the Joint Economic Committee.

RIT's Center for Management Education was started in 1925. More than 6,000 supervisors and management specialists have graduated from the program since its inception.

Site Plan

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ter-mile walk between the academic areas and the dormitories by more trees, providing other links across the athletic areas, bicycle paths on the downhill sides, and possible kiosks;

-Preserving the three existing barns and finding suitable uses for them;

-Preservation of green space for informal play by creating a front-door entrance to Grace Watson Hall.

Waker also proposed that concern be given to acquiring some properties around campus. There are 52 acres in the area bounded by East River Road, Bailey Road, John Street and Jefferson Road that aren't owned by the Institute.

Although Dr. Miller has said there will be no construction of buildings in this decade, Waker recommended that the northwest quadrant be designated as the area for possible building in the 1980s, if necessary

Many of his proposals grew out of his observation of problems such as parking at the administrative circle; congestion at the Grace Watson dining area; cars being parked in pedestrian-oriented spaces; walks used as drive-ways; and the pressures of growth caused by the automobile, industry, the construction of Riverton, the proposal for rail transit and parking needs.

Waker found 304 of the 11,086 acres owned by RIT are in active development, including the Inn on the Campus but not Colony Manor. Of these 304, 45 are athletic fields, 135 are roads and parking, 19 are housing and 11 are academic areas. The physical education department, which lost an athletic field in the NTID construction, is anxious to expand.

EVENTS

Movies

Friday, April 16

7:30 & 10 p.m.—"Performance"—Talisman Film Festival; In this unique probe of social mores and relationships of love and hate, James Fox is thrown from London's underworld into the bizarre and disorienting environ of a retired rock star, played by Mick Jagger. The film is about fantasy. And reality. Vice. And Versa; \$1.

Saturday, April 20

7 p.m.—"Far from the Madding Crowd"—Captioned Films—General Studies Aud; Free.
7:30 & 10 p.m.—"The Poseidon Adventure"—Talisman Film Festival—New Year's Eve—The S.S. Poseidon is struck by a tidal wave and capsized. As the last six survivors begin their hellish ascent through the wreckage, they shed their mundane habits and assume personalities of Dantean proportion. \$1.

Sunday, April 21

2:30 p.m.—A group of early experimental films by European artists will be shown at the Memorial Art Gallery; admission is free.
7:30 & 10 p.m.—"Night of the Living Dead"—Talisman Film Festival—Considered the ultimate in the horror genre, this is possibly the most spinecurling and revoltingly explicit film ever made. A mysterious phenomenon causes the dead to return as flesh-eating ghouls who are determined to massacre all those still living. \$1.

Tuesday, April 23

7 p.m.—Six Romanian films will be shown at the Memorial Art Gallery; there is no admission charge.

Wednesday, April 24

3 & 7 p.m.—"Diary of a Country Priest"—Library Films; A-100; Free.

Announcements

Henry Lomb Room luncheons will continue through the Spring Quarter. Reservations, at \$1.75 each, should be made by calling 464-2351 before 10 a.m. the day of the luncheon.

Menu—Tuesday, April 23

Shepherd's Pie, Plate Garnish, Tossed Vegetable Salad, Hot Coffee, Bread-Butter, Peach Tapioca Cream Pudding, Beverage.

Menu—Thursday, April 25

Italian Eggplant Parmigiana, Plate Garnish, Antipasto Salad, Hot Toasted Garlic Bread, Fresh Fruit Cup, Beverage.

The list of current job openings at RIT is posted every Monday at the following locations: College Union; Col. of Engineering; Wallace Memorial Library; Housing Office; Physical Plant; General Duplicating; Metro Campus; Food Service, Union; RHD; Col. of Science; General Studies; Computer Services; Project Upward Bound; NTID—5th floor; NTID-Grace Watson Hall; for further information contact: Personnel at 464-2424.

Exhibits

Through April 30

Melbert B. Cary, Jr. Graphic Arts Exhibit—"Birds, Flowers and Printers"; features books about flowers and birds including 3 of a 4-volume set of the reprinting of "Birds of America" by Audubon; daily 9-4 p.m.

April 15-May 10

"Clay—Fun and Functional Show"; 9-4:30 p.m.; Bevier Gallery; Special emphasis is made to include both functional and non-functional pieces with the consideration of an inclusive display of contemporary art with clay as the medium.

Sunday, April 21-Sunday, May 4

Michael Angelo's student gallery—Prison Art Show; reception Sunday afternoon 2:30-5:30 p.m.; public invited. Hours: Mon-Fri 7:30-10:30 p.m.; Sat-Sun 2:30-9:30 p.m.

Saturday-Sunday, April 20-21

10-5 p.m.—Saturday, 1-6 p.m.—Sunday; Display & Sale, Demonstrations, Children's workshop; 60 area artists & Craftsmen; to be held at South Presbyterian Church at 4 E. Henrietta Road.

Night Life

Friday-Saturday, April 19-20

8 p.m.—"Barefoot and Dancing"; a dance choreographed by Judith HCoX; to be held in the dance studio of the Women's Gym, U of R.

Friday, April 19

Noon-2 p.m.—"Abortionalysis" Open Seminar; RIT Ingle Aud. Free Admission.

8:15 p.m.—Nazareth College Glee Club Spring Concert; to be held at Nazareth College Art Center; Admission is free.

8:15 p.m.—Women's Ensemble, Celia Carter; to be held at the U of R in the Todd Union. Will include pop, novelty and folk songs; Admission charge; refreshments will be served free.

8 p.m.—Kosher Korner; service in remembrance of the 6 million Jews slaughtered in Germany; Movie; "Let My People Go"; Prof. Egan Stark of RIT will speak of his experience. Band: Sun-Up (Beer & Pizza Served), Nazareth College Student Union, \$1.

48-Hour Dance Marathon for Muscular Dystrophy, April 19-21, SUNY Brockport, H & PE Gym, 8 p.m., Free.

Happy Hour—Gleason F 6th Floor; Admission \$.75; all you can drink.

Saturday, April 20

1 p.m.—Annual Class Day Picnic Parade with Floats, Three Bands, Beer, Food; Nazareth College; St. John Fisher Campus; \$3.

Carnival & Dandelion Day, U of R; sponsored by the Social Activities Board.

8 p.m.—Sage Recreation Committee sponsors a Bar-B-Que and Dance; to be held at the U of R Upper Strong Aud.; Free.

8:15 p.m.—All University Chorus and All-University Symphony Concert; to be held at the U of R Upper Strong Aud.; Free.

Sunday, April 21

4:30 p.m.—Kosher Korner; "Let My People Go" movie; Arnest Lustig will speak of his memories of the concentration camp; Deli Dinner-\$1.

7-10 p.m.—Boswell Coffee House; Multi-purpose room; Faculty-Staff night; Live entertainment; Sponsored by Catholic Campus Parish; Free.

8:15 p.m.—Baroque Ensemble Concert, Taavo Virkhaus Conducting; to be held in the U of R Interfaith Chapel; Free.

4 p.m.—Sub Sale—Sponsored by Phi Gamma Nu Sorority; to be held in Grace Watson Lobby.

Monday, April 21

Noon-1 p.m., 7-8 p.m.—Three-Ring Circus; to be held at the U of R Todd Union.

8-9 p.m.—Citizens for Environmental Education present Film Series 6; to be held in the U of R Hubbell Aud.

8:15 p.m.—Men's Glee Club Concert; Roger Wilhelm Conducting; to be held in the U of R Strong Aud; Free.

Tuesday, April 23

8:15 p.m.—River Campus Chamber Singers; to be held in the Interfaith Chapel. Admission is free.

8:30 p.m.—Rochester Baroque Symphonia; sponsored by CUB; to be held in Ingle Aud.

Wednesday, April 24

8:15 p.m.—Symphonic Band; to be held in Strong Auditorium; Admission Free.

Peter Yarrow Band, to be held in the RIT Gym; Admission \$2 RAC, others \$3.

Thursday, April 25

8:15 p.m.—River Campus Jazz Ensemble and Eastman Jazz Lab 12 O'Clock Band; to be held in Strong Aud; Admission is free.

Friday, April 26

8:15 p.m.—All-University Symphony Orchestra; to be held in Strong Aud; Admission Free.

8:30 p.m.—Party; sponsored by NRH-H; Beer, punch, snacks, dancing; To be held in 1st floor South Lounge of NRH. Admission girls \$.50, Guys \$1.50.

Special Events

April 29-21

Dance-O-Rama; C/U lounge, Alumni Room, Multi-purpose room; Fencing & Wrestling Rooms, Main & Auxiliary Gyms, Union Dining Room; Contact Al Taylor 473-6402.

Wednesday, April 24

9-noon—Rochester Area Colleges; Library A-100; Contact Mary Newman, 454-2385.

11-3 p.m.—CCE Monroe County; Conference Room B; Contact: Leona Roth 2246.

8-5 p.m.—Gas Appliance Engineers Society; 09-1030; Contact: Dave Whitlock 546-2700 x 2647.

April 24-26

All Day—Principles of Color Reproduction; to be held in the Gannett Building; for information call Penny Gentner 2757.

COMING EVENTS

Saturday, April 27

8:15 p.m.—Boston Symphony Orchestra; to be held at the Eastman Theater; Tickets \$8.50, 7.50, 6, 5. Tickets on sale at Original Performances Inc. 282 Midtown Plaza.

Tuesday, April 30

8:30 p.m.—God's Trombone; to be held at the Nazareth Arts Center; Tickets \$5.00.

Saturday, May 4

8 p.m.—Procul Harum; to be held at the Auditorium Theater; All seats reserved \$6, 5, 4; Mail orders accepted, send to Procul Harum Concert, Auditorium Theater, 875 Main Street East, Rochester.

TELEVISION

Daily

10:05 & 5 p.m.—on Channel 6; RIT Campus News, a Student Television Systems Production; Tune in to see what's happening in and around campus.

1 & 6 p.m.—RIT Campus News for the Deaf; a Student Television Systems Production.

11 a.m. & 4 p.m.—Channel 6; "17 Bananas," a Student Television Systems Production.

Monday-Friday

11 a.m. & 4 p.m.—Channel 6; "17 Bananas," a Student Television Systems Production.

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