

NEWS & EVENTS

Rochester Institute of Technology

Vol. 11, No. 13 – March 29, 1979

Institute Forum Takes Spotlight

Robin Hood has sold out!

The idea that government, like Robin Hood, transfers money from the non-poor to the poor is an illusion, says economist David Friedman

Friedman will give his views of the economic effects of government regulation at RIT's Institute Forum, Friday, April 6. His lecture, free of charge and open to the public, will be held at 3 p.m., in Room 2000, of the administration building.

Friedman believes that government programs such as Social Security, farm subsidies, State universities and urban development actually end up injuring the poor for the benefit of the non-poor.

"The political system is itself a sort of marketplace," he contends. "Anyone with something to bid—votes, money, labor—can get a special favor, but the favor comes at the expense of someone else...on net, nearly everyone loses."

Friedman's views tend to reflect the teachings of his famous father, University of Chicago Professor Milton Friedman.

The younger Friedman is assistant professor of economics at Virginia Polytechnic Institute and State University.

Social goals are best accomplished "by persuasion of religion and ethics and human understanding rather than by the compulsion of law," former senator Sam Ervin told RIT's Institute Forum audience last week.

Recognized for his expertise on Constitutional law even before he gained national fame as head of the Senate Water-gate hearings, Ervin proclaimed "our Constitution is the greatest thing about our country. It gives every man and woman the right to make of themselves anything their Creator gave them the ability to do. But it has merely given us the right to pursue happiness; it doesn't guarantee it.

"Government can't do everything wisely," he noted.

Ervin was especially critical of the Department of Health, Education and Welfare (HEW) and of the Equal Rights Amendment (ERA).

"HEW laws give Califano the right to be judge, jury and executioner," he stated, condemning such practices as banning father-son banquets in schools and "integrating the bodies of young children while ignoring their minds."

In an attempt to get equality, he said, HEW and ERA first create inequality by establishing quotas.

Ervin is opposed to ERA because it takes away the states' Constitutional

rights to protect personal freedom and because he doesn't believe problems can be solved by rewriting all laws in neuter grammar.

"The good Lord created two sexes to provide for continuity of the human race," he explained. "Supporters of ERA are trying to erase that distinction, to make us a genderless society." He believes ERA is already dead because states should have the right to rescind passage and because he believes the extension was unconstitutional.

"It's a hazardous thing to entrust government with regulation of social goals," he concluded, "because government acts intemperately, goes to extremes."



PROLIFIC SOLICITORS

Fifteen members of the Student Orientation Committee, Commuter Association, College Activities Board, Greek Council and Residence Halls Association donned Bunny outfits and collected \$800 from faculty and staff for the Easter Seal Telethon. Michael Graff, chairman of the Student Orientation Committee, gained special recognition for his efforts by raising \$300 for the fund raising event on Friday, March 23.

GRANTS DEADLINES

Please note: **GUIDELINES FOR ALL PROGRAMS ARE ON HAND OR HAVE BEEN REQUESTED.** Please call the Grants Office for additional information, 50 West Main Street, 262-2719.

PROPOSALS SHOULD BE SUBMITTED TO THE GRANTS OFFICE ONE WEEK PRIOR TO DEADLINES FOR ADMINISTRATIVE APPROVALS.

NATIONAL ENDOWMENT FOR THE HUMANITIES

April 1—Seminars of 8 weeks duration to provide opportunity for advanced study or research in their own fields or other fields related to their interests. Available in summer 1979. \$2,500 stipends to cover all expenses—travel to seminar, location, books, research and living expenses, etc. Subjects include: Anthropology, American and Afro-American Studies, Area Studies, Art History, Classics, Comparative Literature, Composition and Rhetoric, Drama, English and American Literature, Film, Folklore, History, Linguistics, Modern Languages, Political Science, Religion, Science Technology and Human Values, Sociology, etc. (i.e.: Business in the History of American Society, Application of Economic Analysis.)

NATIONAL SCIENCE FOUNDATION

March 31—US-Japan Cooperative Research.
April 1—Small Business Innovative Research.

US OFFICE OF EDUCATION

March 31—Special community service and continuing education program.
April 16—"Environmental Education Program." 50 new and competing continuation projects will be funded with grants averaging \$50,000 for General Projects and \$10,000 for mini-grants/year. Mini-grants provide for community workshops, conferences, symposia or seminars on a local environmental problem. Approved general projects must be multi-disciplinary or interdisciplinary (from chemistry, physics, biology to sociology, economics, psychology and the arts). Priorities: (1) Resource materials for grades 7-12 (2) Personnel development for teachers of grades 7-12 (3) Community education projects.

FUND FOR IMPROVEMENT OF POST-SECONDARY EDUCATION

May 21—Adapting Improvement-Better Strategies for Education of Adults.
May 21—Examining the Varieties of Liberal Education.

NATIONAL INSTITUTE OF EDUCATION

March 29—Teaching and Learning Research Grant.
April 23—Unsolicited Proposals
May 10—Women's Educational Equity Research Grants. Grants will support research on social processes influencing girls' and women's achievements in mathematics, science and technology. Ten to 20 grants ranging from less \$10,000—\$55,000 annually are available. Projects up to three year's duration will be funded.

COMPLEMENTARY EDUCATION

Grants are being offered to all faculty, staff and students who wish to develop unique kinds of experiences. Complementary Education's fundamental purpose is to further the professional development of RIT students by involving them in learning situations both inside and outside the classroom. Assistance will be given in preparing grant proposals and structuring ideas. Deadline for proposals will be May 1, 1979 for grants to be awarded in the fall. *For further information and grant applications, contact Elaine Spaul, Student Affairs office, 475-2267 or 2202.*

HELP WANTED!

If you'd like to work as an usher for commencement, it isn't too late to volunteer. You can work one, two or all three ceremonies. Those people working both morning and afternoon will be provided lunch. Faculty and staff and/or their spouses are all welcome to help. For more information about times and duties, contact Jan Layne, x6557, Audit Services.

Fast Day Set for April 5th

The Catholic Campus Parish will hold a Fast Day on April 5 for the entire campus. As in the past, proceeds from the Fast Day will be divided between the Bethany House in Rochester and the Oxfam American project in Jamalpur, Bangladesh. Meal card registration for Thursday's Fast Day will take place at Grace Watson Dining Hall and the Dining Commons on Tuesday and Wednesday during the dinner hours.

In conjunction with the Fast Day, the CCP will sponsor a "Simple Sharing Supper" in the Kate Gleason Lounge for all those who fasted during the day. The dinner will start at 7 p.m., followed by the PBS documentary "The Fight for Food" at 7:30 p.m. All are invited to the viewing of "The Fight for Food" and to participate in the discussion that will follow.

Fast Days were started at RIT a few years ago for a two fold purpose. First of all, it raises money for worthwhile projects, such as Bethany House and Oxfam America. Secondly, and more importantly, it attempts to raise the consciousness of the RIT community to the problem of world hunger. Everyone is encouraged to participate in Fast Day in some fashion.



DATEBOOK

to April 6—Bevier Gallery. "Recent Work of 3 Painters"—David Bolduc, Bob Cole and Basilios Poulos. Open 9 a.m.—4 p.m. and 7—9 p.m., Mon.—Thurs.; 9 a.m.—4 p.m., Fri.; 1—5 p.m., Sat.; 2—5 p.m., Sun.
to April 10—"Textiles", by Laurie Dill. Library Gallery.

March 26-30—Graphic Arts Research Center. "Photographic Science" Seminar. Contact x2758 for more info.

March 29—"Biochemistry of Inherited Human Cancer Prone Syndromes," presented by Dr. Royden Rand & Ms. Patricia O'Brian. Noon-1 p.m., 12-1452.

March 29—Physical Ed. Seminar. A workshop for all female employees on what facilities and programs are available for use by RIT employees. A tour of the Phys. Ed. Facilities is included. 10-11:30 a.m., Mezz. Lounge, CU or 2-3:30 p.m., 1829 Rm., CU. Contact Personnel x2424.

April 3—Alumni Lecture Series. "Financial Survival of the 80's," by Raymond J. Zollo. 8 p.m., Rm. A-100 (Wallace Library).

April 3—RIT Philosophy Club. Prof. Wm. Edgar, SUNY Geneseo, speaking on "Artificial Evolution" 4 p.m., Bldg. 12, Rm. 2428.

April 5—"The Ektachem Analyzer: Kodak's New Technology for Automated Analysis of Clinical Specimens," presented by Prof. William Burns. 4-5 p.m., Rm. 8-3154.

April 6—Institute Forum. "Robin Hood Sells Out," presented by David Friedman. 3 p.m., 01-2000.

Talisman Film Festival
(I)=Ingle Aud. (W)=Webb Aud.

3-The Walking Bombs & Forbidden Planet—March 29, 7:30 & 10 p.m., \$1.50 (I)

Lenny—March 30, 7:30 & 10 p.m., \$1.50 (I)
The Little Norse Prince—March 31, 2 p.m., \$5.00 (I)

The Grateful Dead—March 31, 6, 8:30 & 11 p.m., \$1.50 (I)

Cleo from 5 to 7—April 1, 7:30 p.m., \$1.50 (I)

4-The Destroying Ray & 3-D—April 5, 7:30, 9:15, & 11 p.m., \$1.50 (I)

13th International Tournee of Animation
April 6, 7:30, 9:15, & 11 p.m., \$1.50 (I)

NEWS & EVENTS

Published weekly on Thursday during the academic year by the Communications Office at Rochester Institute of Technology and distributed free of charge to the Institute community. For information call 475-2750.

PROFILE

Richard Cheng and Computer Wizardry

Some people take work home with them, usually in their briefcase. Dr. Richard Cheng backs up his car and loads computer components into the trunk to take home to his own workshop.

Dr. Cheng is the director of RIT's School of Computer Science and Technology, a department he literally built with his own hands—and soldering iron.

When Dr. Cheng joined RIT in the summer of 1973, the Computer Science Department had one computer, an IBM 1620. "The 1620 had been broken down for about three years and it was an old machine, but a good one," he recalls.

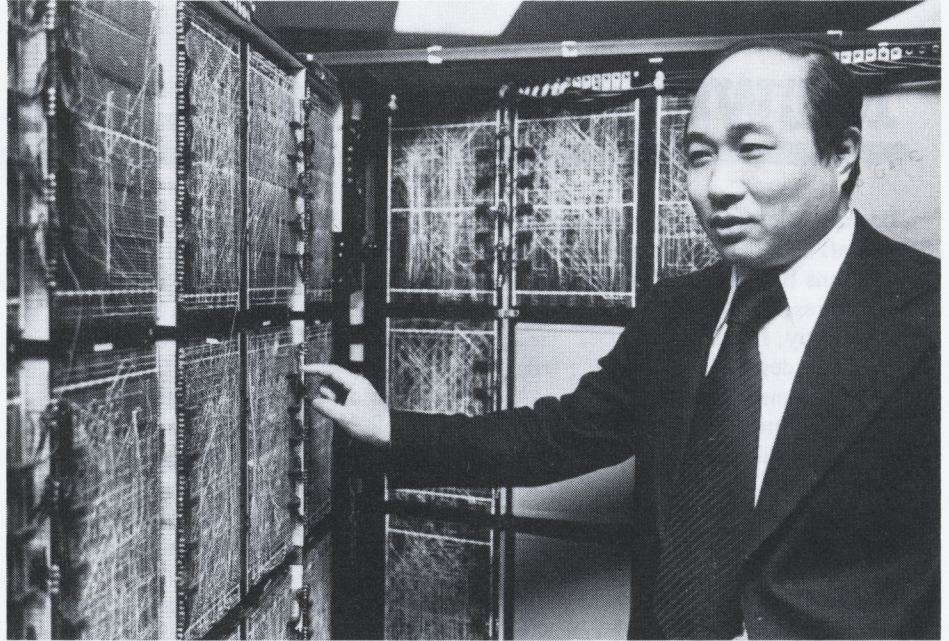
Since Dr. Cheng's family was still in New York City, he spent evenings working on the computer until it was operating smoothly again.

To run an adequate computer curriculum, Dr. Cheng needed more computers "but the budget was trivial, not enough to buy any significant machinery, so I had to generate more funds."

He hired six students part time and taught them the intricacies of computer repair work, how to isolate the thousands of circuit boards and replace the defective units. "They learned how to fix teletypes and CRT's and other small computers and in a couple of months they were quite proficient," he says.

Dr. Cheng then talked to other campus offices with computers and arranged contracts for his students to do their repair work. "We made thousands upon thousands of dollars by charging the same as outside maintenance and used that money plus our budget to buy more computers," he says.

The School's director says it's not the equipment that really costs, but the maintenance. His department is able to save from \$50,000—\$60,000 a year by doing most of the repair work in-house. With extra money coming in, Dr. Cheng was able to buy several large, used computers for relatively little. That translates into invoices of \$15,000 for \$300,000 worth of equipment.



Dr. Richard Cheng is perfectly at home with the miles of wiring hidden behind computer control panels.

With the help of industrial gifts and grants from the National Science Foundation, Dr. Cheng has assembled probably the largest collection of computer hardware owned by any college computer department. Dr. Cheng prides himself on the number of distinguished visitors to his computer facilities and says "the overwhelming reaction of all is amazement at the enormous amount of computer equipment."

And Dr. Cheng laughs when he adds that one-third of his equipment is in storage because of a lack of space. That equipment is used for spare parts for repairs or as back up units.

"If a computer will be down for some time, we just swap it and keep the systems operating to provide more student time," explains Dr. Cheng.

Dr. Cheng says he has now amassed an adequate amount of computer equipment and built his supply budget up to the point that he no longer has to provide an

extra income for the department. The students cut back on their outside contracts so that now they only repair the hardware belonging to the School. Dr. Cheng says the students do most of the work, "but if it's complicated I take it home to my own workshop, where I can spend time at it."

Like others who end up in electronics, Dr. Cheng was one of those students who used to play with electronics in junior high. Dr. Cheng was born in mainland China, but grew up on Taiwan, coming to the U.S. in 1961. He did graduate work in electrical engineering and computer science and taught at the University of Wisconsin and the City University of New York, before coming to RIT.

Besides working on computers at home, Dr. Cheng enjoys target shooting and used to collect cameras. Dr. Cheng is married and has three children, all boys; the oldest is an RIT freshman in, of course, computer science.



FIRST CLASS

NEWS & NEWSMAKERS

David L. McIntyre has joined the Book Store staff as assistant manager. His past associations have been with Big N Discount Stores, Century Housewares, and most recently, J.B. Hunter stores. He has an associate degree in accounting from Jamestown Community College.

The Personnel and Physical Education Departments will cooperate in the presentation of a workshop on the facilities and programs for use by all RIT female employees. Activities that will be covered include tennis, the fitness-weight room, jogging, swimming, body conditioning, bowling and volleyball. The Physical Education staff will discuss proper attire, benefits derived from and how to get started in each of these activities. The program will conclude with a tour of the Physical Education facilities. Sessions will take place today from 10 to 11:30 a.m. in the Mezzanine Lounge and from 2 to 3:30 p.m. in the 1829 Room of the College-Alumni Union.

Dr. John Humphries, dean of Admissions, has been elected to the Board of Directors of Montgomery Neighborhood Center for a three-year term expiring in 1982.

Bill Keyser, professor in the School for American Craftsmen, had a four-page illustrated article entitled "Portfolio: W.A. Keyser, the Challenge of Churches," published in the March/April issue of *Fine Woodworking* magazine. The article explained the design rationale and technical processes he employed in designing and building liturgical furniture for eight churches.

Marilu Raman and Joan Stone technical mathematics faculty members, NTID, will present a paper titled "Beyond PSI: An Investigation of Small Group Instruction," at the American Educational Research Association's annual meeting, April 8-12, in San Francisco.

More than 90 students from the Rochester area are expected to attend the 2nd annual Greater Rochester Science Congress Saturday, March 31, hosted by the College of Science. A variety of displays and exhibits will be featured at the Congress which is open to the public free of charge.

Dr. Andrew J. DuBrin, College of Business, has had his latest book, *Winning at Office Politics*, chosen as the May book selection of the Management Book Guild.

Dennis C. Nystrom, dean of the division of Career Education, has been appointed by Mayor Thomas Ryan to head the City of Rochester's Planning Council. The council, composed of 15 members from business, industry, government, and public service agencies, is responsible to advise on matters relating to human resource development, training, and employment. The council assists in planning and assessment of programs with budgets totaling over \$17 million annually.

T. Alan Hurwitz, director of Support Services, NTID, Jimmie Joan Wilson, coordinator of Tutor/Notetaker Training, NTID, and Dom Bizzelli, educational specialist, Engineering Support Team, NTID, will conduct a training workshop for midwestern colleges interested in establishing tutoring/notetaking services for deaf students. This workshop will be held at the Technical Vocational Institute, St. Paul, Minn., and the NTID faculty will work with the TVI Program for the Deaf in conducting the workshop, based on materials developed and field-tested by NTID. A similar workshop for colleges and universities in the New England/New York/New Jersey/Pennsylvania area will be conducted Aug. 2, 3 at NTID.

Mail Ban Lifted

The U.S. Postal Service advises the previously announced suspension of civilian mail service to Iran has been lifted. Accordingly, all classes and types of mail, both surface and air, destined for addresses in that country may again be accepted.

Mailing pieces which were returned to the sender during the suspension may be re-entered without payment of additional postage, provided a postage refund was not made. The endorsement "Mail Service Temporarily Suspended—Return to Sender" should be obliterated by the mailer prior to re-entering such pieces.

PUBLICATIONS POLICY

The following statement on Institute policy regarding publications and printing has been released by Dr. Todd H. Bullard, provost and vice president for Academic Affairs:

"Institute policy requires all publications for off-campus dissemination be coordinated through the Office of Communications in order to insure institutional integrity with the Institute's standards and costs. The Office of Communications will coordinate with the various Institute business offices for such efforts as procurement, distribution, inventory, etc."