

3-1978

NEWS AND NOTES 1978, VOL.9, NO.6

The Rockefeller University

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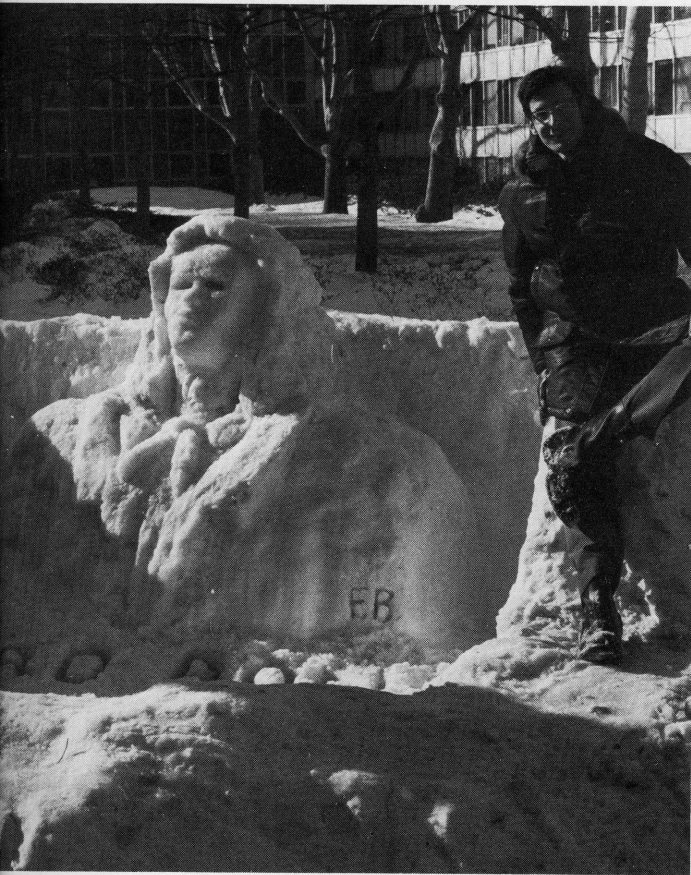
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MARCH 1978 VOLUME 9 NUMBER 6

THE ROCKEFELLER UNIVERSITY

news and notes

THAT WINTER ❄ F 1978



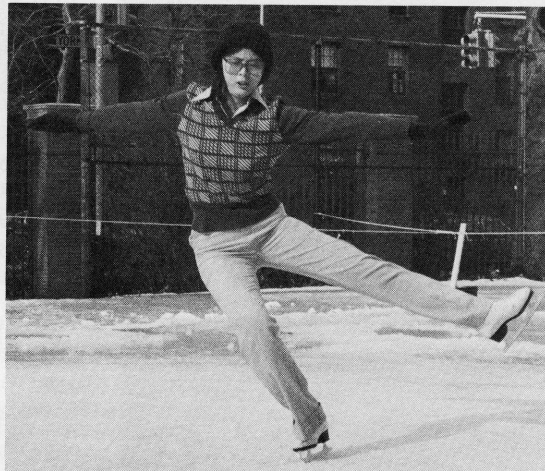
Francis Barany and friend. See story page four.



Arguelio Negron of custodial services.



This kind of cleanup is fun.



Graduate Fellow Cecilia Lo. (This photo is among works by members of Graphic Services on view in a current exhibition. See story page three.)

A Job Well Done

The Rockefeller community owes an enormous thank-you to the stalwart men of buildings and grounds and custodial services who cleared the mountains of snow and ice from the campus during the blizzards of January and February.

Many of the men had to make their way to the University from outlying areas. They worked 16-hour shifts with only 4 hours of sleep between shifts. With shovels and snow blowers they cleared 7,500 feet of sidewalks, driveways, and walks and spread 13,000 pounds of ice melter so that the rest of us could get to our labs and offices. It was a job well done.

Ferentz to Head Computing Services



Computing services gears up. Left to right, Raymond Martin, Melvin Ferentz, and Howard Verschell.

Melvin Ferentz, formerly professor of physics and director of the School of Science Data Acquisition Facility of Brooklyn College, has been appointed to the newly created post of director of computing services.

The establishment of this new position at Rockefeller reflects the University's increasing use of computer technology and data processing in both its scientific and administrative work. Dr. Ferentz's appointment, on February 1, followed the recommendation of a faculty search committee under the chairmanship of Professor Joel E. Cohen.

Under Dr. Ferentz's supervision, a new PDP-11/70 system is being installed on the A floor of Founder's Hall. It will provide a multi-user, time-sharing resource, which will also communicate with the large central computer facility of CUNY (City University of New York). In addition, Dr. Ferentz and his staff—Raymond M. Martin, computer site manager, and Dr. Howard J. Verschell, systems programmer—have assumed responsibility for the existing PDP-15 facility and will help coordinate the use of 20 smaller computers in individual laboratories, as well as advise on the purchase and ser-

ving of equipment and on the rental of outside facilities when needed.

A native of New York City, Dr. Ferentz is a graduate of the Bronx High School of Science and Brooklyn College. He received his Ph.D. in physics from the University of Pennsylvania in 1953. He has held posts as associate physicist at the Argonne National Laboratory, as senior mathematician-analyst with IBM Corporation, as associate professor and later professor and chairman of the physics department of St. John's University, and as a visiting professor at New York University.

He joined the faculty of Brooklyn College in 1966, where in addition to the positions noted above, he was director of the Computer Assisted Instruction Research Center and associate director of the CUNY/SUNY Institute for Research in Learning and Instruction, with responsibility for a state-wide, 13-campus teleprocessing network. He was a National Lecturer (1972-73) for the Association for Computing Machinery.

In 1975, he organized the UNIX Users' Group and is editor of the UNIX newsletter, "login.", which goes to 300 institutions using this Bell Laboratories-developed operating system. An unusual application of his earlier work was a Ford Foundation-funded project at Columbia University on the use of high-speed digital computers to prepare master plates for the printing of music.

The father of three children and an enthusiastic skier and sailor, Dr. Ferentz is married to Elizabeth Wetherell, a professor of mathematics at Lehman College.

APPOINTMENTS

John M. Browne, professor of cell biology, University of Miami, Coral Gables, Florida, and Atlanta University, Georgia, as a visiting professor in the cell biology laboratory of Professor Günter Blobel, effective January 1.

J. Robert Dorfman, professor of physics, University of Maryland, as a visiting professor in the theoretical physics laboratory of Professor E.G.D. Cohen, effective January 1.

Arthur Jaffee, professor of physics, Harvard University, as an adjunct professor in the mathematical physics laboratory of Professor James Glimm, effective December 16.

Charles Martucci, Metabolism-Pharmacology, as assistant professor, effective February 1.

IN PRINT

Professor **Charles M. Peterson**, Medical Biochemistry, associate physician and assistant program director of the Hospital, was the author of a report on the so-called orphan diseases in the "Rounds" section of the January 23 issue of *Medical World News*. Orphan diseases, those which afflict small or economically underprivileged populations, are frequently neglected by commercial drug developers. Dr. Peterson describes some of the work under way in the University's laboratory of medical biochemistry, and offers suggestions for additional efforts in this area.

Professor **René J. Dubos**, Environmental Biomedicine, is an advisory editor of the new publication, *Human Nature*. An article by Dr. Dubos, "Health and Creative Adaptation," appears in the magazine's first issue, published in January.

PERSONALS

Born, November 12, to **Sam P. Soogrim**, a designer in the Engineering Office, and his wife, Radia, an employee of the Norman Morris Corporation, a son, Mirmal, their first child.

Born January 5 to Senior Research Associate **Zlatimir Dimcovski**, Experimental High-Energy Physics, and his wife, Eva, a daughter, Vesna Nathalie, their third child.

DEATHS

James van der Scheer, 88, who joined the Rockefeller in 1912 as a laboratory helper and worked as a chemist with Karl Landsteiner from 1923 to 1939 and later at Lederle Laboratories. He died on August 4.

Robert A. Harte, 66, an analyst in the laboratory of Karl Landsteiner from 1932 to 1942 and later secretary to the American Society of Biological Chemists. He died on October 1.

August Carl Roeckl, 76, a member of the cabinetmakers' shop from 1947 until his retirement in 1971, on January 3.

CONANT DIES

James B. Conant, scientist, diplomat, educational reformer, and president of Harvard University for 20 years, died on February 11 at the age of 84. Dr. Conant was a Rockefeller trustee from 1930 to 1949. In 1964, the University presented him with an honorary doctor of science degree.

This Article May Save Your Light

Nearly two thousand years ago, the Roman poet Ovid wrote, "Nothing is stronger than habit." One morning a few weeks ago, Thomas P. McGinnity, the University's director of physical facilities, had cause to echo, dolefully, the poet's words.

The occasion was an impromptu tour conducted for *news and notes* through a suite of University offices, the location of which shall remain undisclosed. The suite consists of eight individual offices, a large executive office, and another large office used by five secretaries. Altogether, they contain 30 overhead fluorescent light fixtures, each with two bulbs (an effective total of 100 watts) in addition to 13 individual desk lamps of varying wattage. Every single light was on, despite the fact that the occupant of the large office had been at a meeting elsewhere on campus for two hours; the occupant of one of the smaller offices was home ill; two of the secretaries were out on errands; and, in five of the offices, glorious sunlight was pouring in through the windows directly over the occupants' desks.

The University's energy costs are running close to \$2.7 million a year. The measures taken by Mr. McGinnity

and his staff over the past several years to reduce fuel consumption have been unusually successful. (See *news and notes*, June 1977.) At this writing, 99 percent of the steam required on campus comes from the University's own boilers. This has made possible a saving of \$10,000-12,000 a month since October. A new system of night cleaning in the Tower has reduced kilowatt-hours in the building by five percent in the four months it has been in effect. Instead of single cleaners working on separate floors for an average of two or three hours each, three cleaners do one floor at a time, which takes about an hour, turning off the lights as they complete each successive floor.

The problem of electricity demand, as Mr. McGinnity explains, is compounded by the fact that laboratories are continually adding new pieces of equipment of greater and greater sophistication, which draw large amounts of power. This is a fact of scientific life that cannot be impeded if research is to progress. But lights burning (day and night) in *empty* offices, laboratories, conference rooms, and lavatories is a question of individual responsibility—and of changing our habits.

McMASTER LECTURE

The Rockefeller University Lecture on February 24 by Professor Martin Raff of University College, London, was named in honor of the late Philip D. McMaster, who made important contributions in immunology during more than half a century with The Rockefeller.

SIGMA XI LECTURE

Lillian Schwartz, a well-known artist and experimental film-maker, will present the next Sigma Xi lecture on Thursday, April 13, at 8 P.M. in Caspary Auditorium. She will discuss Computer-Generated Films and show some examples of this new art form. The program is open to the public.

Show by "Graphics Gang"

The office of Graphic Services, which supplies the University's many and varied photographs, scientific illustrations and charts, duplication, and slide and film projection, is a hotbed of talent. The evidence is currently on display in the Faculty and Students' Club through March 22 in an exhibition of paintings, drawings, and photographs created by a group calling itself the Graphics Gang.

The members of the gang, shown in the adjacent photograph, are: seated, left to right, Melvin Miller, Robert Keiber, Muriel Fabrizio, Dorothy Wilhelm; standing, George Rodriguez, Eduard Kloesman, Leonard Greenspan, Sirapy Torossian, Henrik Boudakian, and George Byron.



HONORS AND AWARDS

Professor **René J. Dubos**, Environmental Biomedicine, received an honorary doctor of humane letters degree from Marietta College, Marietta, Ohio, where he was Visiting Scholar on February 9 and 10. Dr. Dubos will be serving as Jessie and John Danz Professor in the College of Engineering, University of Washington at Seattle, from March 27 to April 16.

Ronald Lavender, Laboratory Animal Research Center, received the annual Assistant Laboratory Animal Technician Award, presented by the Metropolitan New York Branch of the American Association of Laboratory Animal Science.

Mr. Lavender, **Curtis Best**, and **Frenchie Longino** completed a 12-week training course at New York University Medical Center and have passed the National Animal Technician Certification Examination. Also, **David Natt** was among 20 laboratory animal attendants from Rockefeller and other universities in the city who successfully completed a 12-week training course held at Rockefeller and are now certified as assistant laboratory animal technicians.

PROMOTIONS

Bruce A. Cunningham, Developmental and Molecular Biology, to professor, effective January 1.

William J. Marciano, Theoretical Physics, to assistant professor, effective July 1, 1978.

BRIEFS

Four members of the University's theoretical physics group gave invited talks at Orbis Scientiae 1978, held at the University of Miami, Coral Gables, Florida, on January 16-19. Professor **M.A.B. Bég** reported on the present status of quantum flavordynamics and presided at a session on the subject, at which Research Associate **William J. Marciano** spoke. Professors **Heinz R. Pagels** and **Roman Jackiw** reported on recent work in quantum chromodynamics.

Dr. Dennis Stark, director of the laboratory animal research center, has assumed the presidency of the Metropolitan New York Branch of the American Association of Laboratory Animal Science for the 1978 term.

CHESS CLUB WINS

The Rockefeller University Chess Club has returned to its winning track, beating the Hoffmann-LaRoche, Inc., chess club on February 15. Score: 6-1.

Well-Earned Cup o' Cheer

One way to beat the winter doldrums is to throw a party, which is just what the members of the Christmas Ball committee did on February 10 to thank all of those on campus whose efforts made the ball a success. However, if there's to be a ball next year, the committee will need some more willing hands. So put it down on next November's calendar.

A toast to the 1977 Christmas Ball committee: seated, left to right, Yvonne Holland, Margarita Campbell, Anthony Fusco, Charles Laughery; standing, Nina Casciano with husband Roger.



Scientist and Sculptor

Two cultures? Humbug! Rockefeller has its own Rodin. His name is Francis Barany, a graduate fellow in the biochemistry laboratory of Professor David C. Mauzerall.

On Sunday, January 22, after a full day in the lab, Barany labored for eight and a half hours by moonlight to create the monumental snow sculpture pictured on page 1. Awakened early the next morning, he posed before his masterpiece—the sun sparkling on its glazed surface—and revealed some of his working secrets in an exclusive interview.

“People ask me whether he is Newton, Bach, or a middle linebacker for the Chicago Bears. He had to have a wig, for ears sculpted in snow would fall off. Frankly, by the time I was finished, I was happy to have something resembling a human being.”

news and notes thanks all on campus who called to report what Barany had wrought.

Garvey Appointed

Patrick J. Garvey, a former vice president of the Foreign Policy Association and Manhattan College administrator, has been appointed director of corporate and foundation relations in the University's development office.

Also, Barry W. Dress, a University development officer since 1975, has been named assistant director of development.

Before coming to Rockefeller, Mr. Garvey was a vice president with the International Institute of Rural Reconstruction. He was with the Foreign Policy Association from 1967 to 1976. In 1973 he became vice president, with responsibility for developing support for educational programs. He received a bachelor's degree in business administration from Manhattan College, where from 1961 to 1967 he held posts in development and admissions, and was director of planning and institutional research.

His civic activities include membership in the Advisory Committee of the International Philanthropy Research Project of the National Council on Philanthropy and being founder and chairman of the board of Inward House, a drug treatment center. He is a lieutenant colonel in the U.S. Marine Corps Reserve. Mr. Garvey, his wife, Elizabeth, a nurse at the hospital of the Albert Einstein College of Medicine, and their children Dennis, 15, and Sharon, 13, reside in the Pelham Bay section of the Bronx.



On January 16, students of the Urban Landscape Architecture Program of City University, directed by Paul Friedberg (third, left), submitted designs for the proposed renovation of the Rockefeller University Children's School playground before a panel of architects and school board members. Seated left, Barbara Adams, educational director of the school.

AAAS Meeting

Vice President Rodney W. Nichols arranged and presided over an all-day seminar on International Trends in Applying Science and Technology: Problems, Opportunities, and Policies, at the 144th National Meeting of the American Association for the Advancement of Science, held February 12-17 in Washington, D.C. Among the speakers was Lucy Wilson Benson, Undersecretary of State for Science, Technology, and Security Assistance, and other specialists from labor, science, and education, and Congress, and representatives to the United Nations from Kenya and Algeria.

Eugene H. Kone, public information associate of the University, organized and led another session at the meeting on New Trends in Interpreting Science to the Public.

Other participants at the AAAS meeting were Professor Jay Weiss, Physiological Psychology, who spoke on Behavioral Depression in Animal Models, and Trustee Lewis Thomas, president of Memorial Sloan-Kettering Cancer Center, who addressed a session on scientific communication on the topic Scientific Hubris: Barrier to Understanding.

news and notes is published from October through July. This is Volume 9, Number 6. Suggestions for articles are welcome and may be sent to *news and notes*, Box 194, phone extension 1420 or 1051. Photographs: page 1, top right, Fulvio Bardossi; pages 1, 2, and 4, George Rodriguez; page 3, Henrik Boudakian.
