

12-3-1993

## NEWS AND NOTES 1993, VOL.4, NO.11

The Rockefeller University

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### Recommended Citation

The Rockefeller University, "NEWS AND NOTES 1993, VOL.4, NO.11" (1993). *News and Notes 1993*. Book 30.  
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## Two new grants support Millbrook Field Center

The Rockefeller University has received two grants to support the Field Research Center in Ecology and Ethology in Millbrook, New York: \$300,000 from The Mary Flagler Cary Charitable Trust, and \$25,000 from former Rockefeller University trustee Howard Phipps, Jr.

"Funding provided by the Cary Trust and Howard Phipps will enable the university's Field Research Center to attract talented young scientists, and to expand and diversify its investigations of animals' interactions with their environment," said President Torsten Wiesel. "I am grateful to them for these recent generous gifts as well as for their long-standing commitments to the university."

Professor Fernando Nottebohm,

director of the Field Research Center, said: "These grants will be of tremendous help in funding younger people at the beginning of their careers, a difficult period in which to find support. The grants will also help us better use the rich resources of the Field Research Center—a facility which gives us a unique vantage point to study the behavior of animals under natural conditions—by adding to the number of scientists using it and improving the quality of projects conducted there."

The grant from the Cary Trust, which was facilitated by Edward Ames, a Rockefeller University Council member and trustee of the Cary Trust, will support two outstanding young postdoctoral fellows or assistant professors conducting independent studies at the Field Research Center. The grant will be given to the university over a period of three years. This year, the funds will support research by Postdoctoral Fellow Claudio Mello and Assistant Professor Hubert

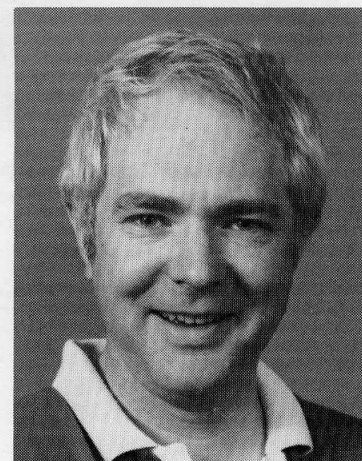
Schwabl. Mello, a Rockefeller alumnus, is studying gene expression in free-ranging birds in response to playbacks of particular bird songs. Schwabl is studying hormonal changes in free-ranging birds at various times during the year.

The Cary Trust's contributions to the university's Field Research Center now total over \$2 million. In 1972, the trust helped the university found the 1,200-acre preserve with a series of capital grants for the purchase of land. The Cary Trust also provided general operating support during the center's formative years. Most recently, the trust has supported fellows conducting research at the center.

The Cary Trust is named in memory of Mary Flagler Cary, granddaughter of Henry Flagler, founder of the Standard Oil Company with John D. Rockefeller. In 1971, the trust established the Mary Flagler Cary

See *New grants*, page 2

## Molecular biologist to speak at Friday lecture



Anthony Pawson, professor at Mount Sinai Hospital in Toronto, will lecture today (Dec. 3).

Anthony Pawson, professor at the Samuel Lunenfeld Research Institute of the Mount Sinai Hospital in Toronto, will give a talk entitled "SH2 and SH3 Domains Control Protein Interactions in Signal Transduction" at the Friday lecture today (Dec. 3).

Pawson's research has focused on factors leading to diverse cellular transformations such as cytoskeletal changes and cell adhesion—factors which, when gone awry, can lead to diseases such as cancer. His studies of Src homology 2 (SH2) and SH3 domains—modular components of intracellular proteins—have resulted in new insight into how the nucleus of a cell responds to external stimuli, such as hormones, in a multi-step process known as signal transduction. The SH2 and SH3 domains have been found to participate in signal transduction by modulating gene transcription so that the protein synthesis is either halted or stimulated.

"Tony Pawson has made key contributions to the field of signal transduction," said Professor John Kuriyan, who is hosting the lecture. "His studies not only helped identify the SH2 and SH3 domains, but also have elucidated a number of their cellular functions. He has

See *Friday lecture*, page 3

## Santa to attend holiday festivity

Mr. and Mrs. Claus will be among the guests of honor at the university's annual holiday festivity, to be held Fri., Dec. 17 from 2:30 to 4:30 P.M. in the Tower cafeteria. All members of the Rockefeller University community will receive invitations. Young children are welcome.

To accommodate the celebration, on Dec. 17 the cafeteria will close for lunch. A takeout continental breakfast will be served between 7:30 and 10:00 A.M.

2 Cafeteria offers more 'value meals'

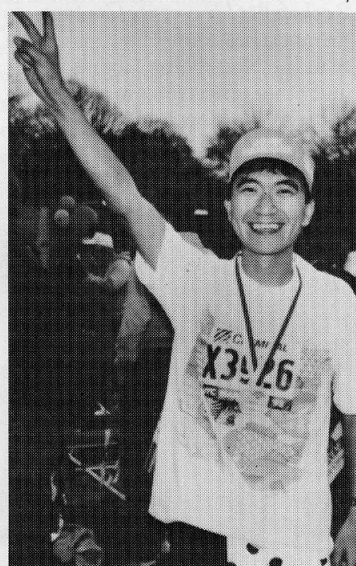
3 How to save for retirement

3 Book addresses emerging viruses

## Marathon tests RU runners' stamina

By Jennifer Horne King

More than a dozen members of The Rockefeller University community joined 25,000 participants in braving the unexpectedly warm weather for the 26.2-mile New York City



Postdoc Kenji Endo gives a victory sign after completing last month's marathon.

Marathon Nov. 14.

For novices and veterans alike, the day was the culmination of months of arduous training and discipline. First-time marathon runner Kenji Endo, a postdoctoral associate in the Wilson lab, completed the course in four hours, 47 minutes. "I don't think there is anything quite like this marathon in Japan, where I come from," he said. "What made the experience so memorable is that everyone, regardless of age, sex, nationality or social status, took part in a similar experience. In Japan, marathons must be run within a specified time limit, which means that only fast runners can participate."

Two-time marathon runner Eduardo Fajardo, a postdoctoral associate in the Hanafusa lab, trained five days a week for five months prior to the race and completed the course in 3 hours, 28 minutes. "I was disappointed in my performance," he said. "I was aiming to complete the course in under three hours."

Cindy Carruthers, an assistant

See *Marathon*, page 2



# Rockefeller cafeteria expands selection of complete meals under \$5

In response to suggestions from The Rockefeller University community, Food Service is now offering three "value meals"—complete lunches for under \$5—in the cafeteria each day.

"The value meal usually consists of an entrée or sandwich, a soup or side salad, and coffee or soda," said Judd Newman, general manager of Food Service. "Value meals are designed to offer tasty, nutritious lunches at low prices."

The cafeteria had been offering one value meal per day since it came under the management of Restaurant Associates in September. Expanding the selection of value meals was among the suggestions made by the Food Service Committee, named in September to provide advice to the administration about the cafeteria and dining room, at a recent meeting.

The three value meals will change each day. Today's (Dec. 3) selection includes:

- sauteed chicken and arugula

## Value meals for the week of Dec. 6-10\*

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
\$4.50 smoked ham and cheddar sandwich with honey mustard; soup du jour	rotelle with mushroom sauce, side salad	prosciutto, Genoa salami, roasted pepper on semolina bread; soup du jour	roasted zucchini, peppers, monterey jack cheese sandwich; soup du jour	grilled chicken and pesto sub; side salad
\$4.25 penne primavera; small Caesar salad	mortadella, provolone and arugula sub; brownie	linguini with spinach and roasted garlic; small salad	baked shells; side salad	radiatore pasta with smoked turkey; side salad
\$3.95 Genoa salami, ham and cheese sub; cookie	black bread, avocado, tomato and alfalfa sprouts; soup du jour	roasted eggplant, mozzarella, tomato relish sub; cookie	roast beef and horseradish cream sub; small bag of potato chips	ham, alpine lace swiss, red leaf on an onion roll; soup du jour

\* All value meals this week come with a small fountain beverage.

submarine sandwich, side salad and small fountain beverage at \$4.50;

- radiatore with plum tomatoes and mozzarella, side salad and small fountain beverage at \$4.25;
- grilled vegetables in a pita pocket, soup du jour and small

fountain beverage at \$3.95.

(See chart, above, for a menu of next week's value meals.)

Comments and suggestions about Food Service are welcome and can be addressed to Newman, x8890, or to one of the members of

the Food Service Committee: Associate Professor Alan Aderem, Graduate Fellow Elizabeth Campbell, Foreman Elbin Diaz, Professor Emeritus Bruce Merrifield and Director of Dietary Service Cynthia Seidman.

## New York Marathon challenges RU runners

(continued from page 1)

for research in the Sakmar lab who had her first child 15 months ago, had only run in a Detroit marathon before competing in the New York Marathon. She completed the course in four hours, 20 minutes. "It was an unforgettable experience," she said. "One only hears negative things about this city, but the marathon is a very positive event; everyone is out to cheer on the runners and have a good time. I'm so glad I found the time for it despite the pressures of being a new mom."

The New York City Marathon takes runners to each of the five boroughs of New York: from Staten Island, through Brooklyn and Queens, over the Queensboro Bridge to Manhattan, to the Bronx, then through Central Park to a finish at Columbus Circle. "Frankly, I wish the course could be reversed," said two-time marathoner Henrik Tommerup, a graduate fellow in the de Lange lab, who finished in 3 hours, 41 minutes—2 minutes faster than last year. "Right when you need the most support along the Upper East Side, you get 'Go M.I.T.!' and 'Way to go, Harvard!' This isn't nearly as motivating as the high-fives with the kids in Brooklyn."

Other Rockefeller marathon runners included: Raymond Birge,

postdoctoral associate in the Hanafusa lab; Kelvin Davies, postdoctoral associate in the George Cross lab; Jolanta Diakun, research nutritionist; Thanos Dousmanis, biomedical fellow in the Cranefield-Gadsby lab; Lenore Martin, research associate in the Merrifield lab; Chris Min, biomedical fellow in the Sakmar lab; and Ulf Nehrbass, postdoc in the Blobel lab.

Professor Konstantin Goulianos, who ran his 14th marathon this year in 4 hours, 28 minutes, said: "I broke my record! I ran my slowest! But I like to think positively: perhaps I'll break my record again next year!"



Postdoctoral Associates Raymond Birge (left) and Eduardo Fajardo (center) stand with their coach Postdoctoral Fellow Christoph Schumacher after successfully navigating the 26.2-mile race. All three are from the Hanafusa lab.

## New grants support Field Center

(continued from page 1)

Arboretum for the study of natural ecosystems. The arboretum was first part of the New York Botanical Society, but recently became an independent organization and changed its name to the Institute for Ecosystem Studies. In addition to being the sole support for the arboretum, the Cary Trust awards grants in the areas of music and conservation.

Howard Phipps, currently a Rockefeller University Council member, has contributed generously to the Nottebohm laboratory and other university programs through the Howard Phipps

Foundation. His most recent gift of \$25,000 to the Field Research Center was pledged last summer.

Phipps is active in a number of nonprofit institutions, including the NYZS/The Wildlife Conservation Society (formerly the New York Zoological Society) of which he is president, the Chamber Music Society of Lincoln Center and the Phipps Houses, a charitable housing program started by his grandfather, Henry Phipps, who was a partner of Andrew Carnegie.

News&Notes is published each Friday throughout the academic year by The Rockefeller University, 1230 York Avenue, New York, NY 10021. Phone: 212-327-8967.

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Ideas and submissions can be sent interoffice (Box 68), by electronic mail (newsno), or by fax (212-327-7876).

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# How to save for retirement

How can you put away money for retirement while at the same time saving on current taxes? The answer is to enroll in a Supplemental Retirement Annuity (SRA), according to The Rockefeller University Personnel Office.

"I strongly suggest that people put even a small amount into an SRA," said Kristin Gross, benefits specialist in Personnel. "You can never have too much money for retirement, and starting early is the key to saving. In addition, money you contribute to an SRA does not appear on your W-2, so you don't have to pay taxes on it the next year."

To enroll in an SRA, contact Gross or Benefits Specialist Ginny Hansen. They will ask you to designate an amount to be deducted from your paycheck for the year. The maximum is about \$9,500, depending on your salary, number of years of service, and contributions already made to your retirement plan. There is no minimum.

The money you save through an

SRA will be available to you after the age of 59 1/2. If you withdraw money before that time, penalties and a 20 percent mandatory withholding for early withdrawal will apply (except in cases such as disability, termination of employment under certain conditions, or hardship as defined under the Internal Revenue Code.)

You can, however, borrow money against your contributions to the SRA without penalty—for example, to help finance a down payment for a house. The amount you can borrow depends on the size of your savings, but usually ranges between \$1,000 and \$50,000.

Money is paid back to your account, with interest, over a period of five years, ten if you are purchasing a primary residence.

Teachers Insurance and Annuity Association-College Retirement Equities Fund (TIAA-CREF), which manages the SRA accounts for the university, is a nonprofit organization with over 75 years of experience. It is one of only three companies out of over 2,000



Benefits Specialists Kristin Gross (left) and Ginny Hansen in the Personnel Office can help employees enroll in the Supplemental Retirement Annuity.

nationwide to receive the highest marks from all four of the industry's leading independent rating agencies. The organization offers a variety of investment options for SRA accounts.

For more information on the SRA plan, contact Gross, x8297, or Hansen, x8299, or drop by Founder's 103.

## Friday lecture to feature molecular biologist

(continued from page 1)

provided an important framework for new areas of related study."

Born in the United Kingdom, Pawson received a B.A. in biochemistry from Cambridge University (1973) and a Ph.D. in molecular biology from London University (1976). From 1976 to 1980, he did postdoctoral studies at the University of California at Berkeley, first in the Molecular Biology and Virus Laboratory, then in the Department of Zoology. In 1981, Pawson became assistant professor in the Department of Microbiology at the University of British Columbia in Canada. In 1985, he became senior scientist in the Division of Molecular and Developmental Biology at Mount Sinai Hospital Research Institute in Toronto—a position he still holds—and associate professor in the Department of Medical Genetics at the University of Toronto. He was named full professor in 1989.

Pawson is the recipient of numerous honors. In 1988, he was named Terry Fox Cancer Research Scientist of the National Cancer Institute of Canada. He gave the David Thompson Award Lecture in 1990. In 1991, he was named to the Apotex Chair in Molecular Oncology at the Mount Sinai Hospital and International Research Scholar of the Howard Hughes Medical Institute.

The lecture will be held at 3:45 P.M. in Caspary Auditorium and preceded by tea at 3:15 P.M.

## Book tackles timely topic of emerging viruses

At a time when concerns are growing about AIDS, drug resistance and flash epidemics such as the recent and fatal flu-like outbreak in the Southwest, Assistant Professor Stephen Morse has edited a comprehensive volume on such infections. Entitled *Emerging Viruses* (Oxford University Press), the book explores the reasons for rapid viral emergence and makes practical recommendations for the prevention of future epidemics.

In a series of 28 chapters, leading experts in virology and infectious disease—among them Donald Henderson, deputy assistant secretary of health science in the Department of Health and Human Services, and Robert Shope, professor of epidemiology at Yale University—discuss a variety of subjects, including: the relationship between viruses and their hosts; methods for detecting viruses; ecological sources of emerging viruses; interspecies transfer of viruses; how viruses evolve; and prospects for the future. The book includes a chapter by University Professor Joshua Lederberg, "Viruses and Human-kind: Intracellular Symbiosis and Evolutionary Competition," and one by Morse, "Examining the Origins of Emerging Viruses." Some chapters include photographs and illustrations.

The book attempts to formulate a conceptual framework for infectious disease emergence and to present evidence for a unifying hypothesis to explain the origins of epidemics. Advances in molecular biology and epidemiology have provided the necessary tools to detect new viruses and track developing viral epidemics. Morse argues that if any of this knowledge is to be of value in preventing future tragedies, it must lead to appropriate action.

"Ultimately, human actions underlie many episodes of disease emergence, and our own influence and responsibility may therefore be greater than we usually suppose," he writes in the preface.

*Emerging Viruses* has received favorable reviews from several publications. In a review for *Science*, Walter Dowdle, acting director of the Centers for Disease Control and Prevention, writes: "The book is scholarly, thoughtful, and well written, and scientific jargon has been kept to a minimum, making it easy and enjoyable reading."

In a review for *The New England Journal of Medicine*, Thomas Weller writes: "[This book] should be read by those responsible for curriculum design for medical and public health schools, by all professional workers dealing with infectious diseases, by biomedical writers responsible for informing the public, and



Assistant Professor Stephen Morse is the author of a new book, *Emerging Viruses*.

by those responsible for determining priorities for the funding of health programs and biomedical research and training."

*Emerging Viruses* is available at the Cornell University Medical College Bookstore, 424 East 70th St. (between York and First Aves.). To order, write to Oxford University Press, Inc., 2001 Evans Road, Cary, NC 27513, or call 1-800-451-7556 and request ISBN reference number 0-19-507444-0.



## Potpourri

**Tri-Institutional Noon Recital**  
Violinist Mark Steinberg and pianist Marija Stroke will perform works by Brahms, Debussy, Schönberg and Mozart at the Tri-Institutional Noon Recital today (Dec. 3). Winner of the 1992 Lotus Foundation Award, Steinberg is a founding member of the Brentano String Quartet. Stroke won the 1988 Thayer Arts Competition and a Catherine S. Winchell Award. The duo is scheduled to give a Merkin Concert Hall recital next week. The Tri-Institutional concert, to be held at noon, is free and open to the public.

### Sunday film

*L'Avventura* (Italy, 1960), directed by Michelangelo Antonioni, will be shown in Caspary Auditorium at 7:30 P.M., Sun., Dec. 5. The film is the story of a woman's disappearance on a yachting trip and the vacuous love affair that ensues between two members of the search party—her lover and best friend. Admission is free. All are welcome.

### Faculty meeting

A faculty meeting will be held Mon., Dec. 6 at 10:00 A.M. in Caspary Auditorium. Coffee will be available at 9:45 A.M. All faculty members are urged to attend.

### Book sale

The Children's School will hold a book sale on Tues., Dec. 7 in the Tower lobby from 8:30 A.M. to 3:30 P.M. The sale will include books, games and assorted gift items. All items will be 10 percent off the retail price. Proceeds will benefit the Children's School.



**Violinist Mark Steinberg, who will perform at the Tri-Institutional Noon Recital today (Dec. 3), takes his fiddle to the roof.**

### Lecture

Adjunct Associate Professor Sarah Leibowitz will give a lecture, "Can Appetite for Fat, Body Weight Gain and Eating Disorders be Understood through a Molecule in the Brain?," Tues., Dec. 7 at 7 P.M. at The New York Academy of Sciences, 2 East 63rd St.

### Holiday party

The DiNardo, Cross and Gaul labs will host the annual Fifth Floor Bronx Party, Wed., Dec. 8, at 3:30 P.M., on the fifth floor of Bronx.

### Prize

President Torsten Wiesel and his colleague David Hubel shared the 1993 Gerard Prize for "outstanding contributions to neuroscience."

The prize was presented Nov. 9 in Washington, D.C. by the Society for Neuroscience at its annual meeting.

### Honor

Professor Paul Greengard was presented with the Karl Spencer Lashley Award in Neurobiology at a meeting of the American Philosophical Society last month. The society cited Greengard's "pioneering work on the molecular basis of signal transduction and vesicle mobilization in nerve cells."

### Award

Professor Emeritus Frederick Seitz received the fourth Acta Metallurgica J. Herbert Hollomon Award last month "in recognition of his outstanding contributions to understanding the interactions between materials technology and societal interests and/or contributions to materials technology that have had major impact on society."

### Computer sequence analysis

Computing Services is pleased to announce the availability of a new server named "science" devoted primarily to sequence analysis.

Most sequence analysis programs and packages from rockyb and rockyj are now available on "science." Some programs and packages have been upgraded while others are being retired and replaced with equivalent programs. A major effort has been made to provide increased computer performance while keeping costs down. As a result, "science" has no CPU charges for its use, but only a fixed \$5.00/hour CONNECT-TIME charge. CPU-intensive operations, such as exhaustive database searching and large-scale multi-sequence alignments, will not impede users from performing such analyses necessary for their research.

To use this computer, log into the system called "science." Requests for assistance may be addressed to the computer consultant by electronic mail ("consult") or phone, x8940.

### Appointments

**Adjunct faculty:** Angela M. Christiano, D.M. Carter lab; Felton Earls, McEwen lab; Alvaro Martinez del Pozo, Manning lab.

**Unaffiliated adjunct faculty:** Stuart Aaronson.

**Visiting professor:** Robert Olby, Wiesel lab.

**Visiting associate professor:** Paul van Bergen en Henegouwen, Hanafusa lab.

**Visiting assistant professor:** Sally Temple, Hatten lab.

**Research associates:** Irina Dulubova, Greengard lab; Phyllis Faust, Hatten lab; Andre Moreira, Steinman lab.

**Postdoctoral associates:** Jianmin Chen, Aderem lab; Carl Gordon and Michael Matunis, Blobel lab; Juha-Pekka Himanen, Manning lab; Pavol Kois, Konarska lab; Roderick Scott, Pfaff lab; Jane Spetzler, Cowburn lab; Yi Wang, Adzuma lab.

**Postdoctoral fellows:** Michele D. Blum, Leibel lab; Lynne Claye, Kreek lab; Nobutaka Eiraku, Hall lab; Erika Matunis, DiNardo lab; Eva Luderus, de Lange lab; James Okano, R. Darnell lab; Michael Rexach, Blobel lab; Agapito Tarasi, Tomasz lab.

**Guest investigators:** Isabel Couto, Tomasz lab; Thomas Lecuit, Desplan lab; Claudia L. Rocha, Gotschlich/Fischetti lab; Sean Stevens, Roeder lab.

### Departures

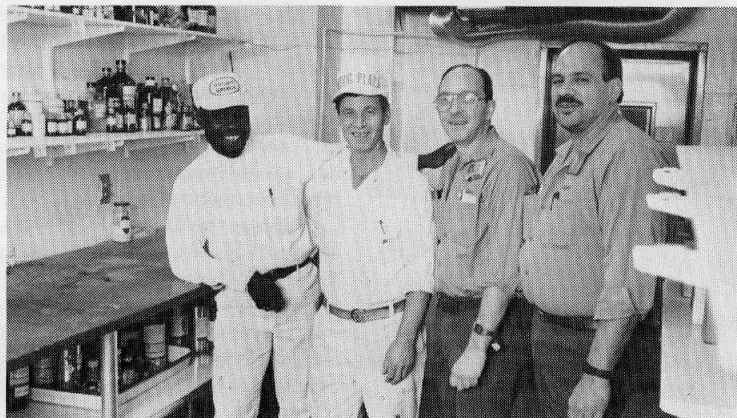
**Visiting professor:** Ru Zhong, Heintz lab.

**Research associate:** Ananda Roy, Roeder lab.

**Postdoctoral associates:** Aleksander Kagonovich, E.G.D. Cohen lab; Enrique Medina-Acosta, Cross lab; Bruce Meyer, Baltimore lab; Keyong Ren, Fischetti lab.

**Postdoctoral fellows:** John Dani, Hatten lab; Maris Febbraio, J. Darnell lab; Loretta Flanagan, McEwen lab.

**Guest investigators:** Thais Escobar Ferraz-Costa, Nussenzweig lab; Paul B. Haser, Merrifield lab; Masao Kondo, Sassa lab.



A crew from Plant Operations recently modernized the cold room in the Agosta laboratory. "Sometimes people think that just because the building is old, the research facilities can't be equal to those in the new buildings," said Elbin Diaz, manager of Maintenance. "We want to change that way of thinking. There's a lot of good service left in the buildings where the tradition of excellence here got started." Workers on the Agosta lab project included (left to right): Painter Eddie Deas, Painter Emanuele Domicolo, Electrician Frank Colosi and Mechanic Bill Salgado.



Most leaves have fallen from the trees on campus as December begins.