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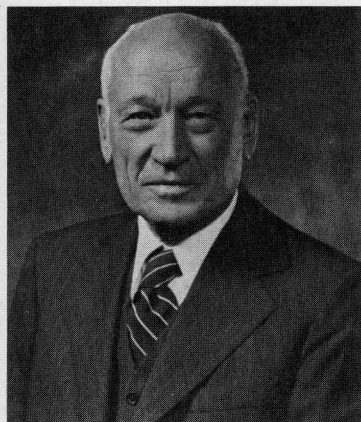
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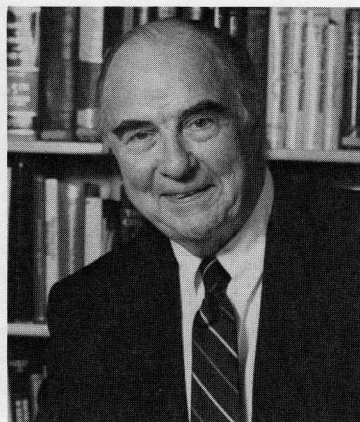
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Arnold O. Beckman



Vincent P. Dole

RU to award honorary degrees to two innovative leaders

The Rockefeller University will award honorary degrees at convocation next week to Arnold O. Beckman, founder of Beckman Instruments, Inc. and president of The Arnold and Mabel Beckman Foundation, and Vincent P. Dole, professor and senior physician emeritus at Rockefeller who pioneered methadone maintenance as a way to manage heroin addiction.

Beckman, a former chemistry professor at the California Institute of Technology, founded Beckman Instruments, Inc. in 1935. Beckman worked with Rockefeller Professors Stanford Moore and William Stein to produce a commercial version of the automatic amino acid analyzer developed by the Rockefeller scientists for deciphering the chemical structure of proteins. Beckman Instruments also adapted for manufacture a solid phase peptide synthesizer, the prototype of which was created by Rockefeller Professor Bruce Merrifield as a method for making peptides and proteins in the lab. These instruments, and others manufactured at the firm, helped to revolutionize protein research.

Beckman Instruments grew into one of the world's largest manufacturers of scientific and medical instruments. The company merged with SmithKline pharmaceuticals company in 1982 to form SmithKline Beckman. In 1989, after an agreement with Becham

See RU, page 2

Brazilian industrialist funds research on leprosy

Paulo Villares, chairman of the board and president of Brazil's leading heavy engineering-equipment conglomerate, Industrias Villares S.A., has pledged \$100,000 over two years to support a Rockefeller University scientist performing leprosy-related research. Villares's support for leprosy-related research at Rockefeller began in 1986.

"I am very gratified by Dr. Villares's pledge," said President Torsten Wiesel. "This gift is important in supporting young scientists and contributing to the fight against a devastating disease."

The current Villares Fellow in residence is Andre Moreira, postdoc in the Cohn-Steinman lab from the Oswaldo Cruz Institute in Brazil. Moreira, who received an M.D. degree from the University of the State of Rio de Janeiro in 1988, works with Associate Professor Gilla Kaplan to study the regulation of the immune response in leprosy. This work is also relevant to the pathology of tuberculosis and AIDS.

"Leprosy and tuberculosis are big problems in Brazil, and in most of South America," Moreira said. "My current research focuses on using

thalidomide to regulate the overproduction of TNF (tumor necrosis factor) that is produced during ENL (erythema nodosum leprosum) inflammatory reactions affecting leprosy patients."

Moreira plans to continue his research on leprosy in Brazil when his term at Rockefeller is over.

The renewed support from Villares, a member of The Rockefeller University Council since 1981, also provides funding for another Villares Fellow, Elizabeth Sampaio, who conducted research

in the Cohn-Steinman lab from 1989 to 1991 and continues to collaborate with Rockefeller scientists from her current laboratory at the Oswaldo Cruz Institute.

Villares is a leading spokesman for Brazil's steel industry and for Latin American industry as a whole. He is currently a member of the Young Presidents' Organization of Brazil, the Chase Manhattan Bank International Advisory Committee, and the Chairman's International Advisory Council of the Americas Society.

Runners represent Rockefeller in regional race

Last Thursday thousands of athletes, among them 40 from The Rockefeller University, lined up at the starting line for the second, 3.5-mile Corporate Challenge race this year. Eighteen minutes and six seconds later, the first Rockefeller runner sprinted across the finish line. The remaining 39 runners ran, jogged, and ambled across it before the hour was out.

"It was a fun evening," said Robin Maloney, associate controller and assistant treasurer, who organizes Rockefeller's entries. "People had a good time getting together. In fact, one group of men was having so much fun talking that they missed the start of the race. They remembered 20 minutes late, and ran the race anyway. Because everyone had gone ahead, they had to ask directions to follow the course."

The five best times of Rockefeller men last week were Frank Schaefer's 18:06, Makoto Takano's 21:07, Andrew Plump's 21:07, Kevin Fitzpatrick's 22:14, and Fred Jones's 22:28. The five best women's times were Martha Murphrey's 21:56, Heather Moday's 25:30, Maloney's 25:34, Clare Carroll's 25:52, and

Mary Windels's 28:49.

Maloney makes up the teams—men's, women's and co-ed—after the runners have finished the race. In the half hour allotted for this task after the race, she groups the runners together in teams she believes will be competitive with other institutions.

While results are still being compiled for last week's competition, they have come in for the May 7th race. Rockefeller's first co-ed team—made up of Schaefer (17:59), Gunnar Dietz (20:03), Murphrey

(22:33), and Maloney (24:30)—placed third overall (behind J.P. Morgan and the FBI) out of 198 teams, and first of 36 teams in the hospital/university/nonprofit division. Rockefeller's second co-ed team—made up of Bill Muller (20:35), Jorge Fajardo (21:07), Lauren Hackett (24:45), and Moday (25:08)—placed 12th overall and fourth in the division.

"We're among a handful of the city's top teams," said Maloney. "I'm very happy with how we've been doing."



Some of the runners from Rockefeller who participated in the Corporate Challenge last week gather to have their picture taken.

2 Children's orchestra makes music at RU

3 Meeting forges ties across the Atlantic

4 News&Notes survey: what do you think?

Corners



Ivy graces the facade of Rockefeller University's Nurses Residence.

RU to award honorary degrees to two innovative leaders

(continued from page 1)

P.L.C., the company once again changed names, becoming SmithKline Beacham.

Beckman founded the Arnold and Mabel Beckman Foundation with his wife, Mabel, in 1977. Since then, the foundation has created a series of research institutes across the country, including a center for the study of human and artificial intelligence at the University of Illinois, a vision center at the University of California Medical Center, and a center for molecular and genetic medicine at Stanford University. The foundation has also funded interdisciplinary research in biology and chemistry at the California Institute of Technology, and helped create a Western headquarters for the National Academy of Sciences and the National Academy of Engineering. In addition, it supported research at Rockefeller through a Fund for Biomedical Research and the Arnold and Mabel Beckman Professorship, currently held by

Professor Robert G. Roeder.

Dole, who began to work at Rockefeller in 1941, received the 1988 Albert Lasker Medical Research Award for developing methadone maintenance as a way to manage heroin addiction. In the 1960s, working in collaboration with his late wife, psychiatrist Marie Nyswander, Dole pioneered research on the physical basis of heroin addiction. He discovered that methadone—originally developed as a painkiller—could quell an addict's cravings. Following pilot studies at The Rockefeller University Hospital—the first of their kind outside a prison setting—methadone maintenance became a widespread means of helping heroin addicts return to normal lives. Most recently, he has broadened his studies to include alcoholism, often a complicating factor in narcotics addiction.

Dole's approach to the study of addiction as a medical problem followed from his earlier observations of metabolic disturbances in such conditions as high blood

Children's Orchestra Society makes music on campus for 23rd year

By Olivia Gushin

"A lot of good things can happen when young people work hard together," says Michael Dadap, conductor for the Children's Orchestra Society which will be giving a benefit concert at The Rockefeller University on Sun., June 14.

Orchestra members are very bright, articulate young people from all over the metropolitan area, according to Dadap. Players, accepted by audition only, commute to the weekly rehearsals in Queens from as far away as Long Island and New Jersey. Dadap notes that "these are very busy kids, and their commitment represents a true sacrifice on the part of the parents, who are very supportive."

The Children's Orchestra Society has long-standing ties to Rockefeller. Twenty-three years ago two neighbors, John Zabriskie, now Associate Professor at Rockefeller, and the late H. T. Ma, decided to start a children's orchestra. Ma believed children could learn to read and play music as well and as easily as they learn their native tongue. Father of noted cellist Yo-Yo Ma, Ma later directed orchestras at private schools throughout New York City. His daughter, Yeou Cheng Ma—Children's Orchestra

Development Director, coach, and pediatrician—also spent time in the Gotschlich lab as a research assistant.

Zabriskie, now vice president of the orchestra's board, has worked with the Ma family every year on the orchestra's annual concert at Rockefeller. He notes that the group has grown enormously since the time he and the Mas were neighbors.

This year's program includes a movement of Bach's Brandenburg Concerto Number Three, played by musicians age ten and under. This group will also play Dadap's special arrangement of "Turkey in the Straw," a traditional American folk tune. Orchestra A, made up of fifty youngsters, ages seven to fourteen, will play Hayden's Military Symphony One Hundred. Because, as Dadap notes, "wind instruments are physically difficult for kids," adult faculty will play these instruments. Two high school seniors are also on the program.

"Young musicians make music from the heart; they create an aura of musical excitement," Dadap says. "That is one of the rewards of my job with the orchestra. Another satisfaction is seeing the young musicians change and grow every day."

The concert, to be held in Caspary Auditorium Sunday, will begin at 4:00 P.M. Admission is \$5.00 for members of the Rockefeller community and \$10.00 for the general public. Proceeds will benefit The Children's Orchestra Society and The Rockefeller University Children's School.

pressure and obesity. The work of his lab confirmed that sodium was the salt ion contributing to elevated blood pressure in hypertension and established the efficacy of a low-salt diet in the treatment. His most significant contribution during this period was his original work on the role of free fatty acids as major carriers of energy in the blood stream, and on the measurement of their concentrations.

Convocation at RU, 1992

Convocation will be held at 3:00 P.M., on Thurs., June 18, in Caspary Auditorium. Tickets, which are available from the Public Affairs office on the second floor of Nurses Residence, are required for those not marching in the procession.

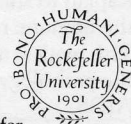
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The Rockefeller University is an equal opportunity employer and has an affirmative action program to increase the employment of women and members of protected groups at all job levels.



Meeting brings together colleagues from across the Atlantic

by Susan Blum

Rockefeller University's Seven Springs Center near Mount Kisco, New York, was the site last month for the second joint meeting of investigators from Rockefeller and The Pasteur Institute in France. The first was held last spring at the Pasteur Institute's conference center in Normandy.

As in the past, the aim of the meeting—made possible by a grant from Disque Deane, a former member of Rockefeller's Board of Trustees—was to forge closer ties among colleagues investigating common areas of research at the two pre-eminent institutions. "It's extremely beneficial to talk personally and get to know one another," said Associate Professor Claude Desplan, who, along with Henri Buc of the Pasteur Institute, organized the event at Seven Springs Center.

The theme of the two-day conference was development and transcriptional control. In addition to Desplan, Rockefeller speakers included Raul Andino, David Baltimore, Vivian Bellofatto, Stephen Burley, Thelma Chen, James Darnell, Nathaniel Heintz,

John Kuriyan, Peter Model, Alex Peterhans, and Ananda Roy. In all, about 50 researchers from Rockefeller and Pasteur participated in the event.

The timeliness of the topic, and the pre-eminence of the participants, was highlighted by the fact that two recent back-to-back issues of the journal *Cell* featured cover stories on research conducted in the labs of two conference participants. The first, by Pasteur's Philippe Brulet and his colleagues, focused on a gene important for embryological development in the mouse. The second, by Rockefeller's John Kuriyan and Xiang-Peng Kong, and their colleagues at Cornell University Medical College, described the 3-D structure of a protein crucial for DNA replication. (For more details on this work, see the May 29 issue of *News & Notes*.)

But as all researchers know, publication in prestigious journals is just the final stage in communicating advances to one's colleagues. A lot of communication takes place much earlier in the process, through informal give-and-take over the phone or in person. Conference organizers left plenty of time for such fruitful conversations during walks in the woods or informal



Claude Desplan (right) and Henri Buc organized a joint meeting of investigators from The Rockefeller University and The Pasteur Institute.

gatherings at Seven Springs' rustic location.

Not so rustic was the formal dinner that preceded the event. The night before participants caught the bus to Seven Springs, they gathered on the 17th floor of Tower for a meal catered by the university's Food Service that brought high praise from the French gourmets in the group. The dinner

was followed by a concert of Baroque music in Caspary Auditorium.

The first two bi-institutional events have proven so successful that tentative plans are underway for another meeting next spring. To be held in France, that event will also include researchers from a third institution, the Weizmann Institute in Israel.

Potpourri

Tri-Institutional Noon Recital

Today (June 12), Caspary Auditorium will reverberate to the sounds of swing, jazz, and blues played by the 16-piece Bob Alexander Big Band. Director, conductor, and trombonist Bob Alexander was for several years lead trombonist and soloist for NBC's "Tonight Show." He was also a featured trombonist with top orchestras and singers, including Benny Goodman, Eddie Duchin, Skitch Henderson, Doc Severinson, Tommy Dorsey, Jimmy Dorsey, Frank Sinatra, and Paul Anka. At today's performance Leon Maleson, database coordinator in Faculty Records, plays bass and

Bill Mobley, husband of Maria Lazzaro, assistant administrator in Faculty Records, plays trumpet. Admission to the concert, which begins at noon, is free and open to members of the Tri-Institutional community.

Spraying

Weather permitting, the trees and shrubs on campus will be sprayed Sat., June 20, from 6:00 A.M. to

noon. The Grounds Department recommends that those on campus that day stay out of direct contact of the drift, close windows, turn off air conditioners, and keep pets inside. The rain date is Sat., June 27. For more information, contact James Sullivan, x8001.

Appointments

Postdoctoral Associate: Yiyang Zhang, Friedman lab

Postdoctoral Fellow: Bruce Scharf, Hayre lab

Guest Investigators: Denis Charlebois, Mauzerall lab; Bin Li, E.G.D. Cohen lab; Rhona Limson-Pobre, Cohn lab.

Departures

Postdoctoral Associate: Hedy Teppler, Cohn lab

Postdoctoral Fellow: Jovan Mirkovitch, Darnell lab.

News&Notes schedule

The next issue of *News&Notes* will be published in two weeks, on June 26. *News&Notes* will be published once in July and once in August.

Errata

The Children's Orchestra Society concert will begin at 4:00 P.M., Sun., June 14, not at 4:30 P.M. as announced in last week's issue of *News&Notes*.

Classified

Lost: a gold cameo ring of great sentimental value. If found, please contact Marie Grossi, x8864.

President to address RU community

President Torsten Wiesel will deliver a state of the university address Fri., June 19, at 11:00 A.M., in Caspary Auditorium. All members of the university are invited to attend.

Mike Ono



The Bob Alexander Big Band will play at Tri-Institutional Noon Recital today (June 12).

News&Notes survey: what do you think?

Dear Reader: We would like to learn your opinions about this year's News&Notes. Please take a minute to fill out this survey and return it to Box 68. Thank you. Mika Ono, editor, Doron Weber, manager of public affairs.

1. What is your position at The Rockefeller University? (Check one.)

senior faculty _____ junior faculty _____ post doc _____ research assistant _____ student _____
senior administrator/department head _____ staff _____ other (specify) _____

2. How often do you read News&Notes?

every week _____ every 2 weeks _____ once a month _____ less than once a month _____

3. How long do you normally spend reading News&Notes?

1 minute _____ 5 minutes _____ 10 minutes _____ more than 10 minutes _____

4. Which articles are you most likely to read? (Please number 1 to 6.)

news stories _____ special features _____ science stories _____
personal profiles _____ letters to the editor _____ "Potpourri" _____

5. Would you like to see more, less, or the same amount of space devoted to:

	<u>More</u>	<u>Less</u>	<u>Same</u>
campus news	_____	_____	_____
grants, fund-raising news	_____	_____	_____
RU science stories	_____	_____	_____
science, technology outside RU	_____	_____	_____
interviews	_____	_____	_____
student activities	_____	_____	_____
campus photos	_____	_____	_____
profiles of individuals	_____	_____	_____
profiles of departments	_____	_____	_____
poems/art	_____	_____	_____
books	_____	_____	_____

6. Are there any other subjects you would like to see covered? _____

7. Do you have ideas for stories or regular features that could be included in upcoming issues?

8. Is there any particular subject that, in your opinion, is given too much space? _____

9. What was your favorite article(s) published in News&Notes? _____

10. What was your least favorite article(s)? _____

11. Do you have any comments on the photography or design of the paper? _____

12. How would you rate the overall quality of News&Notes?

Excellent _____ Good _____ Fair _____ Poor _____

13. Do you have any other comments or suggestions? _____