

10-1979

## NEWS AND NOTES 1979, VOL.11, NO.1

The Rockefeller University

Follow this and additional works at: [http://digitalcommons.rockefeller.edu/news\\_and\\_notes\\_1979](http://digitalcommons.rockefeller.edu/news_and_notes_1979)

---

### Recommended Citation

The Rockefeller University, "NEWS AND NOTES 1979, VOL.11, NO.1" (1979). *News and Notes 1979*. Book 9.  
[http://digitalcommons.rockefeller.edu/news\\_and\\_notes\\_1979/9](http://digitalcommons.rockefeller.edu/news_and_notes_1979/9)

This Book is brought to you for free and open access by the The Rockefeller University News and Notes at Digital Commons @ RU. It has been accepted for inclusion in News and Notes 1979 by an authorized administrator of Digital Commons @ RU. For more information, please contact [mcsweej@mail.rockefeller.edu](mailto:mcsweej@mail.rockefeller.edu).

# THE ROCKEFELLER UNIVERSITY

## news and notes

### HONORS & AWARDS

Professor **George E. Uhlenbeck**, Theoretical Physics, was co-recipient, with Professor Giuseppe Occhialini of the University of Milan, of the \$100,000 Wolf Prize in Physics, sponsored by the Wolf Foundation of Israel, presented in the Knesset (the Israeli Parliament) on September 12. Dr. Uhlenbeck, who received the prize in absentia, was cited for "his discovery, jointly with the late S. A. Goudsmit, of the electron spin."

Rockefeller University Council Member **Ruben F. Mettler**, chairman of the board of TRW, Inc., has received the National Human Relations Award of the National Conference of Christians and Jews, the highest honor bestowed by the organization. Mr. Mettler was cited for contributions to education and employment, especially with minority groups, as national chairman of the National Alliance of Business, a Presidential appointment.

### NEWS AND NOTES BIMONTHLY

With this issue, *news and notes* changes to a bimonthly publication. Webster's New Collegiate Dictionary defines bimonthly as once every two months or twice a month. To avoid confusion, in this case it means once every two months, a step being taken as part of the University's effort to cope with the tidal wave of inflation.

This is the October-November issue. The next, December-January, will come out about the end of December and so on through the year—February–March, April–May, June–July. As usual, there will be no issue during the summer. We can only hope that half as often will be twice as welcome.

### ROUS EXHIBIT

An exhibit of photographs, reprints, newspaper clippings, and memorabilia related to the career of Peyton Rous, partly drawn from the University's archives and partly on loan from Professor Paul F. Crane, is currently on view in the Library as part of the celebration of the Rous Centennial.

## Rous Centennial Celebrated

In 1909, Peyton Rous, a promising young pathologist just four years out of medical school, was invited to take over direction of the cancer research laboratory at the eight-year-old Rockefeller Institute for Medical Research. Rous accepted, against the advice of his medical school mentors. A year later, he published a paper in the Institute's *Journal of Experimental Medicine* describing the first transmission of a chicken tumor, the first avian tumor which had proved transplantable to another individual. Shortly after, he published another paper claiming that his chicken tumor was caused by a virus.

Several decades passed before the now-famous Rous sarcoma virus was universally accepted. In 1966, Rous received a much-belated Nobel Prize "for his discovery of tumor-inducing viruses" four years before his death in 1970 at the age of 90.

On October 5, the University held a Colloquium Honoring the 100th Anniversary of the Birth of Peyton Rous. The speakers, introduced by President Lederberg, were Lewis Thomas, president of the Memorial Sloan-Kettering Cancer Center and a Rockefeller University trustee, Professor Howard M. Temin of the McArdle Laboratory for Cancer Research of the University of Wisconsin Medical Center, and David Baltimore, Rockefeller alumnus and Professor of Microbiology at MIT. (Drs. Temin and Baltimore were co-recipients of the Nobel Prize in Physiology or Medicine in 1975.) Dr. Thomas gave an introduction

to the intellectual background of the Rous virus discovery. Dr. Temin discussed historical highlights of RNA tumor virus research, and Dr. Baltimore spoke on the current state of this research. Among the members of Rous's personal and scientific families at the celebration was his widow, Marion Rous.

If Peyton Rous had not gained lasting scientific fame for his cancer research, he would have gained it for any one of many other major contributions during his 61 years at Rockefeller. Among them was the development, with J. R. Turner, of a practical method for preserving whole blood for transfusions which saved thousands of lives over half a century, especially during two world wars.

As editor of *The Journal of Experimental Medicine* for 47 years he set an extraordinarily high standard of literate precision. As an appropriate part of the University's homage to Peyton Rous, the October 1979 issue of JEM contains a reprint of the 1910 paper, "A Transmissible Avian Neoplasm (Sarcoma of the Common Fowl)," with appreciations by Dr. Charles B. Huggins of the University of Chicago, with whom Rous shared the Nobel Prize, and Professor René J. Dubos, a JEM coeditor.

The many at this institution and in the world of science who remember Peyton Rous the man speak of a lover of life and of his life's work, which he pursued until almost the day of his death. In 1965, at the age of 86, he was quoted as saying, "There's an urgency to my task which is exhilarating."

Seated, from left: Dr. Howard Temin, President Lederberg, Marion Rous (Mrs. Peyton Rous), Professor René Dubos. Standing, Professors Igor Tamm, Purnell Choppin, and Hidesaburo Hanafusa, Dr. David Baltimore, Professor Maclyn McCarty, and Trustees Lewis Thomas and Alexander Bearn.





## PERSONALS

Born, June 2, to **Verline Barrett**, cook at the President's House, and her husband, Barrington, a son, Bernard Lee, their fourth child.

Born, August 25, to Personnel Assistant **Nancy La Valle** and her husband, Luke, a son, Michael, their second child.

Born, July 10, to Professor **R. Thomas Gentry**, Biology of Addictive Diseases, and his wife, Donna Marie, a son, Russell Thomas, their first child.

**Susan H. Needy**, assistant for research in the biochemical cytology laboratory of Professor Christian de Duve, and Biomedical Fellow **Richard M. Mortensen** were married on August 11.

## DEATH

Mary Jane Tatum, 62, wife of Adjunct Professor Howard J. Tatum of The Population Council, on September 20.

## Thanks from Millard

Harold Millard, who retired last June after 40 years at Rockefeller, has asked *news and notes* to express "my gratitude to all the people who made my retirement party such a tremendous and gratifying experience." Mr. Millard is now living in Corona, California, where he is "trying to bring some semblance of order" to his sister's garden.

*At his party last June, congratulations and farewell to Harold Millard, right, from Kathy Kleinbard and David Lyons.*



## Lehmann Appointed

Frederick G. Lehmann, former director of development of Boston University and former financial vice-president of the Alumni Association of the Massachusetts Institute of Technology, has been named executive director for development and public affairs. He succeeds Ray F. Carmichael who left the University to become director of development and public affairs at the Sidney Farber Cancer Institute.

Mr. Lehmann is a 1951 chemical engineering graduate of MIT and recently completed the program at the Institute for Educational Management of the Harvard Business School.

At both MIT, where he worked from 1959 to 1977, and at Boston University

he led record fund-raising efforts. The MIT Alumni Association received the 1975-76 Time-Life Award and Boston University received the 1977-78 first place U. S. Steel Award for improvement in annual giving among private universities.

The University's development program was begun in 1971. Its goal for the next decade is \$150 million in new endowment and operating funds.

In assuming his post at Rockefeller, Mr. Lehmann expresses his strong belief in the need for the private sector of society to support a portion of higher education and research enterprise. As he states, "This sector historically has fostered great innovations in research and technology and should be encouraged to continue to do so; and the people of Rockefeller University have an almost unmatched record in the development of knowledge for the public good."

Mr. Lehmann serves on a number of boards and councils including the Council for the Arts and the Educational Council of MIT, and the Council for Advancement and Support of Education (CASE). His wife, Betty Ann, a mechanical engineering graduate of MIT, is currently working toward a master's degree in pastoral counseling at Boston University School of Theology. The Lehmanns have four children—Karl, 22, a physics student, Pamela, 20, an architecture student, Karen, 17, a poet and flautist, and Andrew, 15, a varsity hockey goalie.

## Lipmann Honored

A meeting in honor of Professor Fritz Lipmann, to commemorate his half-century of service to science, was held in Grignon, France, July 17-21, at the Institut National Agronomique.

Over 70 members of the international scientific community attended, including more than 50 present or former colleagues of Dr. Lipmann, some with wives and children. Among those there from the University were Drs. Leonard Spector, Jose Sy, Stuart Decker, and Kou Kubota, and Christian Gillespie, Dr. Lipmann's secretary since he joined the Rockefeller faculty in 1957. Mrs. Lipmann and the Lipmanns' son, Stephen, and his wife, Nancy, were also present.

The Fifth Lipmann Lecture was given by Yasutomi Nishizuka, chairman of the Department of Biochemistry at Kobe University, Japan, and a former member of the Lipmann Rockefeller lab, as are Drs. François Chapeville and Anne-Lise Haenni of the University of Paris, organizers of the meeting. The 30 talks presented will be published under the title "Concepts of Chemical Recognition in Biology."

A biochemist whose concern for 50 years has been the transmission, generation, and utilization of cellular energy, Dr. Lipmann has been a major con-



front

back

tributor toward understanding how the living cell converts food into forms of energy which can be used for building new cells and repairing old ones. He was awarded the Nobel Prize in 1953 for the discovery of coenzyme A, one of the most important substances in body metabolism, and the National Medal of Science, the nation's highest award for scientific achievement, in 1966. At the meeting this summer, it was the guests who received the medals, created for the occasion by sculptor Joaquim Correia.

## KARDA DIES

George Karda, who served this institution for 50 years until his retirement in 1974, died on July 20 at the age of 70. Mr. Karda came to The Rockefeller as an office boy. He became a Power House clerk, utility man, engineer-in-training, engineer, and, in 1949, chief engineer.



## New Graduate Fellows

This year's entering class of graduate fellows includes 19 young men and women in the Ph.D. program and another six in the joint Rockefeller-Cornell Medical College M.D.-Ph.D. program.

The new Ph.D. fellows are:

Chiye Aoki, *Barnard College*  
Evan Balaban, *Michigan State University*

Debra Bessen, *Hampshire College*  
Richard Canady, *University of Michigan*  
Stephen Clark, *Brown University*  
Scott Coffin, *St. Olaf College*  
Nicholas Davis, *Massachusetts Institute of Technology*

Susan Fahrback, *University of Pennsylvania and Oxford University*

Allan Harrelson, *Reed College*  
Louis Herlands, *Yale University*  
Daniel Marshak, *Harvard University*  
Marie Robert, *McGill University*  
David Roos, *Harvard University*  
Anurag Sagar, *University of Delhi and Jawaharlal Nehru University*

Robert Sapolsky, *Harvard University*  
Rosalind Segal, *Harvard University*  
Cheng-Kon Shih, *National Taiwan University*

Matthew Shuster, *University of Colorado*

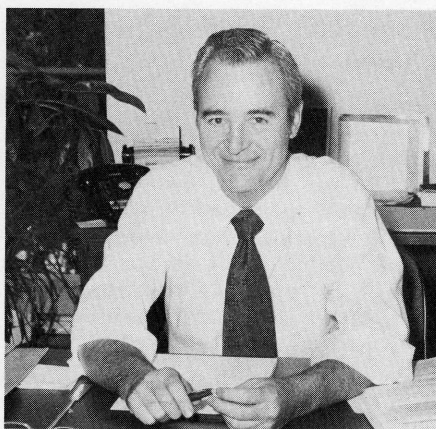
Anna Szuro-Sudol, *Jagiellonian University*

The new biomedical fellows are:  
Richard Bucala, *Yale University*  
Helene Fischer, *Brandeis University*  
David Fisher, *Swarthmore College and Curtis Institute of Music*  
Lisa Kole, *Cornell University*  
Richard Lappin, *Columbia University*  
David Lepay, *Yale University*

## Journals Managers

Bradley Hundley has been appointed production-editorial manager of the Journals Office and Raymond Fastiggi has been promoted to the post of business manager.

Mrs. Hundley is a graduate of Mt. Holyoke College and holds a master's degree from Hunter College. She was



## Young Appointed

Richard S. Young, former chief of the Bioscience Division of the National Aeronautics and Space Administration (NASA) and chief program scientist for the Viking Mars Lander program, has been appointed a vice-president at the University. He will be assisting President Lederberg with program management and development and with special University-wide and inter-institutional projects. He will also be concerned with matters affecting the junior faculty, such as career counseling and development, promotion review, and salary structure.

A 1948 graduate of Gettysburg College, which awarded him an honorary doctor of science degree in 1966, Dr. Young earned his Ph.D. in zoology at

Florida State University, Tallahassee. He worked in cancer research at Lederle Labs, Inc. and in the pharmacology division of the Food and Drug Administration before becoming involved in flight biology at the Army Ballistic Missile Agency in Huntsville, Alabama.

He joined NASA in 1960 and for many years led the development and direction of research on the problems of the origin of life and the search for life elsewhere in the universe. NASA awarded him the Exceptional Service Medal in 1977 and the Sustained Superior Performance Award in 1979.

In addition to numerous technical papers, Dr. Young is the author of the volumes, *Extraterrestrial Biology* (1966) and *Life Beyond Earth* (1969), coeditor of the two-volume, *Cosmochemical Evolution and the Origins of Life* (1974), and has co-authored biology textbooks. He serves on a number of editorial boards and technical committees, including the Interagency Committee on Recombinant DNA of the National Institutes of Health, reflecting an area of particular interest to him—the interaction of science and public policy.

Sharing Dr. Young's Caspary office walls are drawings by his artist wife, Nancy, and photographs of the Viking mission. The Youngs, residents of Mount Vernon, N. Y., have three children, all students, Mark, 18, Sandra, 21, an art student, and Dee, 23, a graduate student in special education.

## EATING OUT? HERE'S HELP

Graduate Fellow Richard Mitchell has compiled a list of local eating places, in categories ranging from Cheap/Fast to Real Finds, including those offering discounts to University people (as of June 1979). Opinions are strictly the author's. Copies are available at the Founder's Hall reception desk.

with Harvard University Press for four years and has done freelance copy editing for Oxford University Press, the National Institutes of Health, and Elsevier North-Holland. In her new position, she is responsible for supervision of production and copy editing for the five scholarly journals published by The Rockefeller University Press: *Biophysical Journal*, *The Journal of Cell Biology*, *The Journal of Clinical Investigation*, *The Journal of Experimental Medicine*, and *The Journal of General Physiology*.

Mr. Fastiggi, formerly assistant to Journals Manager Margaret E. Broadbent who retired on June 30, is responsible for fiscal arrangements for the five journals. He has been with the Journals Office since 1975, is a graduate of Lehigh University, and holds an MBA in accounting from Iona College. He is also the Journals' liaison with Order Service, which handles the distribution of all publications of the Press.

## Blood Pressure High

High blood pressure isn't good for us but, according to some recent research by Professors Neal E. Miller and Barry R. Dworkin, there may be times when having it makes us feel better.

In experiments with rats, reported in the September 21 issue of *Science*, it was found that the animals' natural tendency to run to escape mild aversive stimulation was reduced by injections of a drug that raised their blood pressure. Control procedures demonstrated that a neural pathway known to inhibit activation of the brain and produce a calming effect was responsible for the change in behavior. Dr. Dworkin has speculated that this mechanism may provide a long-sought motivational basis for learned hypertensive behavior in humans.

## Lectures at Cornell

The Cornell University Medical College Stanton Griffis Lecture Series on The Wider Dimensions of Science, Medicine, and Society begins on November 15 with a talk by Lewis Lapham, editor of *Harper's Magazine*. Subsequent speakers will be Dr. Jonathan Miller, Professor Max Black, and Arthur Raynes. The series, presented at 5 P.M. in the Uris Auditorium, is open to the Rockefeller community.



---

## BRIEFS

---

Professor **M. A. B. Bég**, Theoretical Physics, led a workshop on Current Problems in Quantum Flavordynamics at the Aspen Center for Physics, Colorado, July 10–August 2. Participants included a delegation from the Soviet Union invited by the National Academy of Sciences under an exchange agreement with the Soviet Academy of Sciences.

Professor **E. G. D. Cohen**, Theoretical Physics, has been named a correspondent of the Royal Dutch Academy of Sciences.

Professor **Gerald M. Edelman**, Developmental and Molecular Biology, gave the second Albert Einstein Lecture, Bees in the Bonnet; Biological Selection and the Concept of Recognition, at the University on October 10 sponsored by the New York Academy of Sciences. Professor **Heinz Pagels**, Theoretical Physics, is the series chairman.

Professor **James G. Hirsch** presented a historical report on Paul Ehrlich and the Discovery of Eosinophil at an international Eosinophil Centennial held September 24–28 in Brook Lodge, Michigan. One of Ehrlich's earliest research efforts led to the finding of eosinophils in the blood. (The Ehrlich collection is currently on loan to the University and is under study by Dr. Hirsch.)

Adjunct Professor **Richard M. Krause**, director, National Institute of Allergy and Infectious Diseases, National Institutes of Health, has been promoted to the two-star rank of assistant surgeon general of the Public Health Service.

Professor **Frank R. Landsberger**, Virology, was co-chairman of a Conference on Lipoprotein Structure co-sponsored by the New York Academy of Sciences and the American Heart Association, in New York, September 10–12. He delivered

a talk on Lipid-Protein Interactions in Enveloped Viruses.

**President Lederberg** addressed a symposium on New Formats for Publishing: Alternative Media and Auxiliary Techniques, sponsored by the Association of American Publishers on September 24. His title was The Author's Role. On September 25, he was a principal speaker at the 25th Anniversary Symposium of the Waksman Institute of Microbiology, Rutgers University, on the theme of Prospects in Microbiology: The Next 25 Years.

Professor **Neal E. Miller**, Physiological Psychology, was chairman of a symposium on Behavioral Factors in Cardiovascular Disease: A Critical Review of Evidence and delivered an invited paper on Behavioral Medicine: A General Perspective and Some Applications to Rehabilitation, at the 87th Annual Convention of the American Psychological Association, held in New York, September 1–5. Professors **Barry R. Dworkin** and **Sarah F. Leibowitz** of Dr. Miller's lab reported on aspects of their research.

1971 Rockefeller Alumnus **Glenn Paulson** has been appointed vice-president for science of the National Audubon Society. He will direct the society's wildlife research activities and a new program advising the society in areas of energy, toxic substances, air and water pollution, and water resources.

Treasurer **Sydney A. Woodd-Cahusac** has been appointed to the Committee on Philanthropic Organizations of the Association of the Bar of the City of New York for a three year term.

---

## IN PRINT

---

Executive Vice-President **Rodney W. Nichols** is a member of the United Nations Advisory Committee on Applications of Science and Technology and was a member of the United States delegation to the UN Conference on Science and Technology for Development, held in August in Vienna. In an introduction to a special June issue of the international journal *Technology in Society*, Mr. Nichols gives a background and history of the conference and his assessment of the prospects of such international efforts in helping to meet the technological needs of less developed countries.

---

## ESTES TO HARVARD

---

Professor William K. Estes, head of the laboratory of mathematical psychology since 1968, has left the University to accept an appointment as professor in the Department of Psychology and Social Relations at Harvard University. He retains a Rockefeller appointment as adjunct professor.

---

## PROMOTIONS

---

**Karl E. Anderson**, Metabolism-Pharmacology, **Warren Jelinek**, Molecular Cell Biology, **Urs Rutishauser**, Developmental and Molecular Biology, **Jose Sy**, Biosynthesis, and **Jonathan Winson**, Physiological Psychology, to associate professors, effective July 1.

**Kwang-Poo Chang**, Parasitology, and **Michael Mautner**, Mass Spectrometry and Gaseous Ionic Chemistry, to associate professors, effective September 1.

**Thomas J. Chapin**, Experimental Physics, to senior research associate, effective July 1.

**Michael L. Brines**, Physiological Psychology, **Michael A. Brownlee**, Medical Biochemistry, **Chung Nan Chang**, Cell Biology, **R. Thomas Gentry**, Biology of Addictive Diseases, **Robert G. Lahita**, Immunology, **Kenneth Larsen**, Neurophysiology, **Joseph Nevins**, Molecular Cell Biology, **Pravinkumar B. Sehgal**, Virology, **Richard Sterner**, Cell Biology, **Victor Stevens**, Medical Biochemistry, **Lu-Hai Wang**, Viral Oncology, and **David Yu**, Immunology, to assistant professors, effective July 1.

---

## APPOINTMENTS

---

**James F. Catterall**, Population Council, **Donald A. McClain**, Developmental and Molecular Biology, and **Vincenzo Enea**, Genetics, as assistant professors, effective July 1. (Dr. McClain is a 1978 Rockefeller-Cornell M.D.-Ph.D. recipient, Dr. Enea is a 1976 Rockefeller Ph.D.)

**Douglas F. McBride**, chairman, Department of Veterinary Technology, SUNY, Delhi, as a visiting professor in the Laboratory Animal Research Center, effective July 1.

---

## FURTH DIES

---

Jacob Furth, Emeritus Professor of Pathology at Columbia University, died on July 22 at the age of 83. A distinguished and world-honored cancer researcher, Dr. Furth spent two of his early years, from 1926 to 1928, at Rockefeller participating in immunologic research with Karl Landsteiner. His later studies of leukemia led to the first demonstration that X-irradiation can induce tumors in mice.

Tickets for the Holiday Ball on December 14 go on sale mid-November at Founder's desk, Purchasing, and Faculty Club.

*Here's what's going on below. The subway tunnel under construction below 63rd Street as viewed recently by an RU delegation, photographed by Frank Landsberger. Future trips are being planned. Want to go? Call Thomas McGinnity, extension 1075.*

