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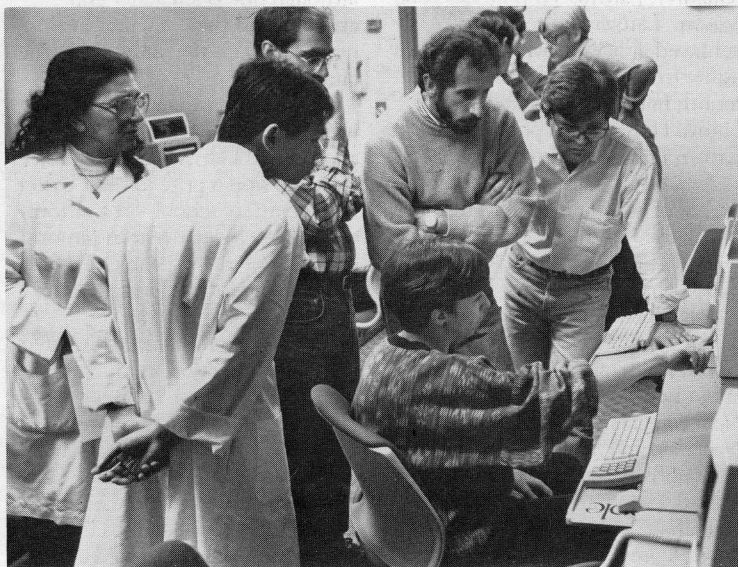
Computing Services opens new user area

The new Computing Services User Area and Classroom was officially opened Monday, when President Torsten Wiesel cut a ribbon strung across its doorway to the applause of 100 people crowded into the narrow hallway on the A-level of Smith Hall.

"Welcome to this important occasion," Wiesel said. "This is the beginning of a new era at this workplace. Some of us wanted a facility like this for many years. I am sure that it will prove useful to faculty and staff on The Rockefeller University campus."

Wiesel went on to thank those at the university who made the new center possible, including: Fred Bohen, executive vice president and chief operating officer; Francis Lees, director of information and computing; Armand Gazes and Rachael Kolb of Computing Services; and George Candler, Kate Cameron, and Joe Sanches of Planning and Construction. He also thanked the companies providing equipment to the center for their generosity. They included Apple Computer (represented by Ron Bajakian), IBM (represented by Deborah Drakeford), Silicon Graphics, Digital Equipment Corporation, and SUN Microsystems.

Hundreds dropped by Smith Hall A21 throughout the afternoon to see the new facility. Many admired the airy rooms, comfortable work stations, and the state-of-the-art equipment. The center is equipped with five PCs, five Macintoshes, several UNIX work stations, high performance graphics computers specializing in molecular modeling and visualization, and



Hundreds attended the open house of the new Computing Services Classroom and Users Area Monday.

printing devices, including post-script printers.

The open house featured open Macintosh and PC computers and demonstrations of popular programs such as Kermit, the sequencing package GCG, and campus information programs for the telephone book, library card catalog, bulletin boards, and calendar. Wine and cheese were served.

"I was gratified by the number of people who came to the open house to see the new facility," said Lees. "It will act as both a classroom and public use area. With the new space, we'll be able to offer computer classes, which were previously tremendously oversubscribed, the whole year round."

Kolb added: "The new user area is for everyone. The Computing Services staff, who worked extensively over the past year to install the equipment and software in the center, are very excited to have this space. It will make it a little easier for us to help people on campus meet their computing needs."

In addition to the word processing and spreadsheet programs installed on the facility's Macintoshes and PCs, the center will house a software library, including programs for graphics, statistical packages, and desktop publishing. Suggestions for the library are welcome, Kolb says.

"In the future, we also hope to offer special interest sessions in the

new classroom," Kolb said. "These sessions will focus on selected topics such as using graphics in Excel, file sharing among Macintosh computers, or macros in word processing and spreadsheets."

Those who missed the open house can drop by the new User Area and Classroom in Smith Hall A21 from 9:00 A.M. to 5:00 P.M. Individuals with a key card, which can be obtained from the Computing Services office, Smith Hall B4, can use the center any time. Those with computer questions can drop by the user area during business hours or call the computer consultant at x8940.

Topic: taking out the garbage

RU hosts town meeting about recycling

Scholars Residence and Faculty House are among the many residences on the Upper East Side that started putting blue bags containing recyclable materials out for collection last month. On the eve of the new recycling program, the university hosted a meeting to educate residents of the neighborhood about New York City's waste disposal plans.

Approximately 200 people came to Caspary Auditorium for the meeting, chaired by Councilman Charles Millard.

"Recycling is important not just for our city but for our nation and our planet," Millard said. "I hope that East Siders and Roosevelt Islanders will cooperate with the enthusiasm that results from fulfilling worthwhile civic duties."

Rockefeller University President Torsten Wiesel welcomed the audience to the university and expressed his support of recycling. Department of Sanitation Commissioner Emily Lloyd and Assistant Commissioner for Recycling Marcia Bystryn were the next to speak.

"We have great hopes for this district—district 8—because it has been the leading area for paper recycling for some time," said

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2 New publication makes debut

3 Fund supports junior faculty

4 Media/Glassware head knows labs



Why is Rockefeller University Security Guard Linton Hunter so proud of his daughter, Latoya? To find out, see page 2.

Six New Faculty Join RU
Internationally Renowned Neuroscientists
Mary Elizabeth Harriss, Neural Protrusion

1992 Fund-Raising Sets New Record

Barbara Harriss, M.D., M.P.H.
Barbara Harriss, M.D., M.P.H., is a professor of Neurobiology and Director of the Laboratory of Neurobiology at the Rockefeller University. She is also a member of the Howard Hughes Medical Institute. Dr. Harriss is a leading expert on the role of the nervous system in the development of the brain. She is also a member of the National Academy of Sciences.

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The Rockefeller University Today, a new publication, keeps friends and alumni of the university informed about activities on campus.

New publication makes debut

The first issue of a new publication, *The Rockefeller University Today*, was sent out to friends and alumni of the university last month.

The four-page, two-color newsletter, a joint effort of the Public Affairs and Development offices, will inform interested individuals in New York City and across the country about activities taking place on campus. This fall's issue includes articles about the newest members of the faculty, the 1991-92 fund-raising year, the expansion of the Hospital's research and training programs, and the Science Outreach Program. It also includes a message from the president and a photo essay of this summer's convocation ceremonies. "In Brief," which will be a regular feature of the publication notes the awards and activities of faculty, alumni, trustees, and other members of the university.

Mika Ono, also the editor of *News&Notes* in the Public Affairs Office, and Catherine Vanchieri, associate director of communications in the Development Office, are editors of the new publication. Robert Reichert is the staff photographer. The Media Resource Service Center, which helped with the initial design, manages the printing.

Those who wish to pick up a copy of *The Rockefeller University Today* can drop by the Public Affairs Office, on the second floor of Nurses Residence. For further information, contact Ono, box 68 or x8982, or Vanchieri, box 285 or x8633.

14-year-old author makes father proud

Daughter of RU security guard writes own ticket

By Mika Ono

Rockefeller University Security Guard Linton Hunter glows with pride when he talks about his daughter, Latoya. And he has good reason. Latoya Hunter has achieved at age 14, what others can aspire to their whole lives. Last month her journal, "The Diary of Latoya Hunter" was published by Crown Publishers, Inc.

As a result, Latoya has received a degree of both fame and fortune. She earned a \$5,000 advance and recently received \$25,000 for the diary's paperback rights. Her television appearances include "The Today Show," "Eye Witness News," CNN, HBO, and PBS. Articles about her have appeared in *The New York Times*, *The Daily News*, *Newsday*, and *Sassy* magazine.

"I am very proud of my daughter indeed," said Hunter. "I am especially happy because the young ones—Latoya's nieces and nephews—will have a role model.

Maybe they will follow in her footsteps."

None of Hunter's other children—Clifton, Anthoney, and Maloney—have become writers, although one is a teacher and another is in the computer business. Latoya is the youngest in the family.

The book—which came about when Crown Publishers approached Latoya with the project after she won a prize for best writer in elementary school—is a chronicle of Latoya's first year in junior high school in the Bronx. Topics range from school, dating, crime, television—and parents.

Security guard Hunter is treated with great affection in his daughter's work. Because Latoya was first raised in Jamaica by her grandparents, she didn't meet her father until she was eight years old. One of the early entries in the diary describes her recollections of their first encounter in the United States.

She writes: "When I first saw him at the airport, I thought 'Well this is the famous Daddy!' Everyone, even my cousins call him Daddy. Our families were that close. I can't forget he was in a hurry to get home to watch a big baseball game on t.v. After that was over, he pretty much put all his attention into us. I can remember once when I was sick, and I'll never forget this, he made me soup and made me stay in bed. I was like, 'Wow! This is like t.v.' I guess in Jamaica I never pictured a father making soup for his kid. I pictured the mother doing those things, never the man." She goes on to say, "He isn't easily upset or worked up," and "He was really easy to get used to."

Hunter, the man better known on campus for his achievements as a security guard working the night shift, is now also known by many inside and outside the university for his accomplishments as a parent.

Letter to the editor:

We are very appreciative of the beautiful way science writer Susan Blum and the people who work in the Media Center displayed the research of the students, teachers and laboratories involved in the Outreach Program [during the new building's dedication festivities]. The colorful graphics truly helped people and children in the community understand the work. The students and teachers were also given the opportunity to talk about their work in an informal setting and to see how powerful good graphics can be. Many came and stayed to show

their support. Among them were:

- Arleen Auerbach and Peter Verlander;
- Arturo Alvarez-Buylla, Carlos Lois, and Kaleb Yohay;
- George Cross, Robin Cooper and Garry Takle;
- Stephen DiNardo and Scott Dougan;
- Thelma Chen;
- Sam Gandy and Ram Ramabhadran;
- Halina Korsun;
- Bruce McEwen;
- Elizabeth Mendez, who

represented two students;

- Toby Rodman and Steve To;
- Marius Sudol;
- Susan Szapiel;
- Annemarie Walsh-Mullen and Susan Powell.

In giving special mention to these people, there is always the danger that one forgets those who silently and steadfastly just do their jobs so well, the "Ariels." We are deeply grateful to you.

Bonnie Kaiser
Science Outreach Coordinator



High school student Tarin Brown (left) displays her summer project with her mentor in the Wiesel lab, Research Associate Susan Szapiel. The Science Outreach Program exhibit was part of the celebration of the new John D. Rockefeller, Jr. and David Rockefeller Research Building last month.

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New Paul Ehrlich Fund supports junior faculty

Associate Professor Alan Aderem has been named the first Paul Ehrlich Scholar. The Paul Ehrlich Fund for Biomedical Research was established at The Rockefeller University this year by Gunther K. Schwerin, the grandson of Nobel laureate Paul Ehrlich. The fund will support junior faculty working in fields which Ehrlich pioneered, including cell biology, immunology, biochemistry, chemotherapy, and parasitology.

Much of Aderem's work at Rockefeller focuses on macrophages, the immune system cells that serve as the body's sentinels. His research seeks to explain how macrophages perceive their environment and respond to it. The model system which he studies focuses on the intracellular signalling pathways which are activated when a macrophage interacts with, and engulfs, a bacterium. This has led to the elucidation of some general principals of signal transduction as well as a number of specific insights into the mechanisms of inflammatory diseases, such as arthritis, and life-threatening

conditions, such as septic shock.

Aderem's investigations of macrophage function have led him and his colleagues to study the "MARCKS" family of proteins. The MARCKS protein itself plays a role in diverse cellular processes including the activation of macrophages and other immune-cells known as neutrophils; cell division; and secretion by nerve cells. Aderem and his colleagues have elucidated many aspects of this protein's function. They have also recently discovered a new member of the family, called MacMARCKS, which is produced mainly in macrophages, and are currently studying MacMARCK's specialized function. Other aspects of the lab's work include investigations into how a substance known as gamma-interferon prompts resting macrophages to become "killer" macrophages, and how a latent HIV virus, once reactivated, assembles itself and then leaves an infected cell.

Ehrlich, born in Strehlen, Germany (now Strzelin, Poland) in

1854, was one of the most prominent biomedical researchers of his generation. His work in hematology established methods of detecting and differentiating various blood disorders. By exposing laboratory subjects to diphtheria and other pathogens, he studied the process by which immunity is acquired. Recognition of Ehrlich's work in immunology led to the establishment in 1899 of the Royal Prussian Institute for Experimental Therapy, which he directed until his death in 1915. At the institute, Ehrlich's research sought synthetic chemicals that could be used to fight specific pathogens. Ehrlich received the Nobel Prize in 1908 for his efforts. In 1910, he developed the drug salvarsan for the treatment of syphilis.

In addition to creating the Paul Ehrlich Fund for Biomedical Research, Schwerin is donating the personal papers of his grandfather to the university. The papers document much of Ehrlich's personal life and scientific activities. They include laboratory notes, lectures, correspondence, and memorabilia.

Book explores topic of chemical communication

How do ants follow each other's trails? Why does a school of minnows scatter when an injured minnow swims toward it? The answer is pheromones, chemicals that carry messages among individuals of the same species.

Rockefeller Professor William Agosta explores this topic in his new book *Chemical Communication: The Language of Pheromones* (Scientific American Library). Generously illustrated and accessible to the layperson, the book paints a portrait of chemical communication in the animal world, proceeding from the least complex organisms to the most complex.

Chemical Communication shows that pheromones can transmit many different types of messages. Pheromones help find mates, act as a trail marker, and warn of danger. Chemical communication is perhaps most well developed among the social insects such as ants and bees. Pheromones govern almost all aspects of their lives, including food gathering, brood rearing, colony growth and defense, and reproduction.

Some plants and animals make use of the pheromones of other species to their own advantage. Orchids of the genus *Ophrys* attract male bees to help in their fertilization by producing flowers that look—and smell—like female bees. Bolas spiders mimic the sex attractant of the fall armyworm *Spodoptera frugiperda*, a common moth found in Colombia. When the male moth flies toward it, hoping to find a mate, the spider swings a ball of its silk at him, and—if the spider's aim is good—the moth ends up as the spider's dinner.

In addition to providing examples of how pheromones govern animal behavior, *Chemical Communication* explains how pheromones are isolated and identified in the lab, and provides details about the structures of these chemical compounds.

In his lab at Rockefeller, Agosta and his group isolated and identified the pheromone that the female golden hamster secretes to attract the male, and a compound that indicates estrus in the female. They also purified and characterized a small protein produced by the female that controls the mounting behavior of the male. In addition to this work, Agosta's lab studies the mechanisms of organic reactions, particularly those brought about by light.

Local residents come to RU to learn about recycling

(continued from page 1)

Lloyd. "Although we'll answer questions here tonight, remember you can also call our recycling hotline—at (212) 219-8090—from 7:00 A.M. to 11 P.M. with your questions."

Lloyd explained that the City picks up six kinds of recyclable materials: plastic, glass, metal, aluminum, newspaper, magazines, phone books, and flattened corrugated cardboard. Residents are asked to separate plastic, glass, metal, and aluminum into one pile, paper and cardboard into another,

and residual material into a third. Superintendents of apartment buildings have the responsibility of managing their building's recycling procedures and posting information for the building's residents.

Materials that are not currently considered recyclable by the City include styrofoam, plastic bags, plastic utensils, appliances, toys, furniture, aerosol cans, paint cans, chemical containers, ceramics, lightbulbs, mirrors, and lids.

While a Department of Sanitation recycling enforcement team is currently active, only warnings will be issued for the next six

months. After this grace period, violators will be ticketed.

Ken Baer of the Sierra Club, Arthur Kell of NYPIRG, Alicia Colver of the Park Slope Recycling Project, and Paul Acabasso of the enforcement division of the New York City Department of Sanitation were also members of the panel. State Assemblyman John Ravitz and District Manager Ed Benson attended the meeting, as did representatives from the offices of Congressman Bill Green, State Senator Roy Goodman, and Alexander "Pete" Grannis.



Left: Department of Sanitation Commissioner Emily Lloyd explains the City's recycling program to residents of the Upper East Side in Rockefeller University's Caspary Auditorium last month. Right: Councilman Charles Millard (left) introduces President Torsten Wiesel at the meeting.

New head of Media and Glassware understands special needs of labs

Hyuna Ham-Stoopack, the new supervisor of Media and Glassware Service, knows how important her job is because she used to rely on the service she now provides.

"I worked as a research technician at Memorial Sloan-Kettering for nine years before coming to Rockefeller," Ham-Stoopack said. "I know that results of experiments depend on sterile glassware and proper cultures."

"As the new person in the department, I'm lucky that the two full-time members of the staff here, Vincente de Jesus and Ellonia Simpkins, have both been at the university for many years," she

continued. "I will be able to learn a lot from them."

Walter St. Louis, who works part-time, is the final member of the Media and Glassware team. In addition to making culture media and washing and sterilizing glassware, the department separates and pre-treats biohazardous waste before it is sent to Laboratory Safety to process.

Ham-Stoopack earned a B.A. from Hanyang University in Seoul, Korea, and a M.A. in biochemistry from the University of Michigan, Ann Arbor. She is currently working towards her M.B.A. at New York University.



Hyuna Ham-Stoopack is the new supervisor of the university's Media and Glassware Service.

Potpourri

Lecture

Rockefeller University Neurosciences Institute Fellow Olaf Sporns will give a lecture, "Putting Together The World Inside The Head: Computer Simulations of Cortical Integration," at The New York Academy of Sciences, 2 East 63rd Street, on Tues., Oct. 13 at 7:00 P.M. Admission is free. For more information, contact The New York Academy of Sciences, 838-0230.

Presentations

Professor David Baltimore, will give a talk, "Cellular Signaling Gone Awry: The Enigma of Cancer," on Tues., Oct. 13, at 8:30 A.M., at Bankers Trust Company, 280 Park Ave., 10th floor. The presentation is sponsored by The Irvington Institute for Medical Research. Call the Irvington Institute, 758-8250, as soon as possible to make reservations.

Poster presentation

The Irvington Institute for Medical Research is hosting its annual poster presentation and discussion Thurs., Oct. 15 at 2:00 P.M. Presentations will be made by 25 Irvington Institute Postdoctoral Fellows in Immunology, including Rockefeller University's Patricia Cortes of the Baltimore lab. Call 758-8250 by Mon., Oct. 12 to make reservations.

Spanish classes

Spanish language lessons are held Wednesdays in Caspary 1A. The beginning-level Spanish class meets at noon; the intermediate-level class, at 1:00 P.M. For further information, call Susie Jun, x7967.

Award

Rockefeller University Professor Fernando Nottebohm has won a Charles A. Dana Award for Pioneering Achievement in Health with Professor Masakazu Konishi of the California Institute of Technology. Both have used investigation of birdsong as a way to explore the neurological basis of learning. The award will be presented at a dinner at the Plaza Hotel in New York City, Nov. 4.

1992-93 concert series

A reminder to those who have not yet subscribed to the university's evening concert series, the first performance is Wed., Oct. 14. Those who did not receive subscription information in the mail can call Cathy Rogers or Patricia Sadiq, x8971, or pick up the schedule from the Public Affairs office, on the second floor of Nurses Residence.

New guide still available

Copies of the newly published 1992-93 *Scientific and Educational Programs* (SEP) are still available from the Public Affairs Office, on the second floor of Nurses Residence. Every member of the university faculty, student body, or staff is entitled to one copy at no charge. One representative of a department may pick up copies for the entire group. Multiple copies are available at \$8 each by calling x8969 or x8967. Account numbers are required for bulk orders.

Conference

The Rockefeller University Hospital Dietary Service hosted the Northeast Region GCR Nutritionists autumn conference

last month. The conference, held Sept. 17 and 18, treated such topics as food records, kitchen sanitation standards, NIH site visits, and outpatient food service. Participants were also given a tour of The Rockefeller University Hospital facilities.

Sequence analysis programs

Rockefeller University's Computing Services announces that the Unix version of the Genetics Computer Group (GCG) Package, originally known as the Wisconsin Package, is now available on rockyj. The GCG Package is a widely used and comprehensive set of DNA and protein sequence analysis programs.

Users wishing to use this package should contact the computer consultant, x8940, to receive assistance in setting up. Extensive online help is available within the GCG Package itself, and a full set of manuals are located in the Computer User Area, Smith Hall A21.

Aerobics classes

Physical conditioning classes set to music are offered for people of all levels and ages on campus. Classes are held in Graduate Students Residence.

The first set of classes—which include cardiovascular fitness exercises, muscle strengthening, flexibility work, and posture and alignment exercises—are held Monday and Wednesday from 5:30 to 6:30 P.M., and Tuesday and Thursday from 12:10 to 1:00 P.M. Teachers are Murielle, Leslie, Mary-Ellen, and Doris. Classes are \$4.75 with the purchase of an eight-class card or \$6.00 for a single class. For

more information about these classes, call 979-9285.

The second set of classes—which include an aerobic workout, strengthening and conditioning exercises, and stretching—are held Monday from 6:45 to 8:00 P.M. and Thursday from 6:30 to 8:00 P.M. Teachers are Ann Robbins and Martha Brumfield. Classes are \$4.00 each. Call x8748 for more information.

Appointments

Adjunct Faculty: Loretta Nielsen, Hayre lab; Jay Schulkin, McEwen lab.

Research Associates: Margaret Burroughs, Cohn/Steinman lab; Chihong Chou and Mark D. Doyle, Khuri lab.

Postdoctoral Associates: Colin Fletcher, Heintz lab; Joshy Jacob, Baltimore lab; Ashis Mukherjee, Agosta lab.

Postdoctoral Fellows: Einar Hallberg, Blobel lab; Leena Nevalainen, Chua lab; Thomas Oelgeschlager, Roeder lab.

Guest Investigators: Tamie Chilcote, Greengard lab; Katherine Cundey, Breslow lab; Emil Kaiser, Merrifield Lab; Fátima Soares and Motta Noronha, Ding-E Young lab; Masako Udono and Hendrik Uyttendaele, Carter lab; Yang Wei, Steinman lab.

Departures

Adjunct Faculty: Lee Babiss, Darnell lab.

Visiting Professor: Vittorio Sgaramella, Lederberg lab.

Postdoctoral Fellow: Jeong-Sun Seo, Hanafusa Lab.

Guest Investigators: Joe Heitman, Zinder/Model lab; Simon Leal, G.A.M. Cross lab.