This issue of Biology Currents reports on a major development in the Biology Department: the appointment of Distinguished Professor Luc Montagnier. We also report on an honorary degree, retirements and an obituary, new faculty, scientific honors, a faculty portrait, alumni news, '97 graduates, and publications. We hope you enjoy the issue and get back to us with an update of your own activities.

Please write to: Uldis Roze, Biology Dept., Queens College, Flushing NY 11367 or e-mail: UXRSB1OL@QC1.QC.EDU.

HENNEKEN'S SPEAKS AT '97 COMMENCEMENT

Charles H. Hennekens, M.D., Dr.Ph., Biology '63, was awarded an honorary D.Sc. at the 1997 Commencement on June 4. Dr. Hennekens is the first Eugene Braunwald Professor of Medicine at Harvard Medical School and Chief of the Division of Preventive Medicine at Brigham and Women's Hospital. He has authored 486 scientific publications, including three major textbooks. His Epidemiology in Medicine is the text most widely used in its field in medical and public health schools across the world. Dr. Hennekens was lead author of a landmark study that showed that aspirin decreases the risk of first heart attacks in healthy people. Discovery of this simple, safe, and inexpensive preventive measure was termed "one of the major research findings of the last decade" by the National Institutes of Health.

As a student at Queens College, Hennekens was elected to Phi Beta Kappa. He was also the captain of both the baseball and basketball teams, and won the regional conference award as Most Valuable Player! He attended Queens College with a boyhood friend, Jeff Hollander. Hollander graduated from QC in 1964, and from Chicago Medical School in 1968. Tragically, his life ended a year later when he contracted hepatitis from a patient and died at age 27. In memory of his best friend and in tribute to Jeff's high character and integrity, Dr. Hennekens established a Jeffrey Hollander Memorial Scholarship at Queens College, awarded annually to a deserving student. (The most recent recipient, Igor Kravets, Biology '97, is now attending Medical School at SUNY-Syracuse.) Present at the Hennekens ceremony were Jeff's mother, Ruth (QC '77) and brother Bruce (QC '69). In a heartfelt and eloquent address, Dr. Hennekens recalled his favorite teachers, including Donald Lancefield, a past chairman of this department. To the graduates he advised, "In the future a large number of things will catch your eye, but I suggest you pursue the small number of things that will touch your heart." He concluded with a toast to Queens College: "Queens College may or may not add years to my life, but you certainly have already added so much life to my years!"

RETIREMENTS 1998

An early-retirement incentive offered by CUNY in January 1998 has led to the departure of two members of the Department: Senior College Lab Technician Terry Fay and Professor Andrew Greller.

Terry Fay

Terry came to Queens College as a College Lab Technician in 1962, during the chairmanship of T. S. K. Johansson. She worked initially in Colwin Hall, then moved to the New Science Building...
when it opened in 1986. By her own estimate, she has assisted in every lab course offered by the Department. In 1983-84 she took an unpaid leave of absence to study for an MBA degree at Baruch College, where she finished the requirements for the degree in 1987. Terry expects her MBA training to be helpful during a working retirement.

Terry has used her skills and scientific expertise to help with the science projects of a number of young people, whom she has urged to go on to college. One of them has already finished her college education; others are still in high school but better grounded because of Terry’s help. We wish her a productive and enjoyable retirement.

**Andrew Geller**

Andy came to Queens College with a fresh Columbia Ph.D. in 1967 and rose to full professor in 1987. Perhaps no one in the Department has taught a larger number of courses, both at the undergraduate and graduate levels. Besides the three introductory courses, he has taught plant taxonomy, plant morphology, plant ecology, plant geography, plant physiology, and field botany, in addition to mentoring a large number of undergraduate research projects and serving as mentor to three Ph.D. students.

Andy has been a successful and popular teacher. One reason he has been able to offer so many different courses is because students have returned to him to take additional offerings. He has even been able to charm the unlikely target audience of medical students. In 1984, the student Medical Awareness Committee voted him their Teacher of the Year.

Andy’s teaching accomplishment has not come at the expense of research. To the contrary, he believes that lively teaching is possible only via continued refreshment from encounters with the primary material of the discipline. Only the teacher who participates in the process of inquiry can convey the full and evolving vigor of his discipline.

In retirement, Andy will continue both activities, but on his own terms. He will be teaching advanced courses on an adjunct basis and will continue mentoring a Ph.D. student. He will work on a backlog of research articles, including a major review chapter. And in mid-January, he submitted a $4.3 million, five-year grant request to the National Institutes of Health for the study of medicinal properties of Sri Lankan plant extracts. We will all be hard put to keep up with his pace.

**RETIREES**

**Arthur Colwin.** Arthur called from Florida on January 24 to apologize for not sending his and Laura’s usual holiday greetings. Arthur had spent seven weeks in a hospital following open-heart surgery, but said he was now “starting to kick a little.” He sends greetings to all and requests “no get-well cards.”

**Max Hecht.** Max’s 1980 work on the relationship between birds and theropod dinosaurs was highlighted in commentary in the October 24, 1997 issue of *Science*. With his student Sam Tarsitano, he then argued that the three digits retained in the front limbs of birds are 2-3-4, while the three digits retained by theropod dinosaurs are 1-2-3. Therefore, a close relationship between birds and theropod dinosaurs was questionable. The commentary was in response to an article by Burke and Feduccia presenting strong evidence for the Hecht-Tarsitano model. The commentary was also featured on National Public Radio, in the *New York Times*, and in *Le Figaro*.

**Toge Johansson.** Toge has moved to a new address: 72 Smokey Hollow Rd. W., East Berne, NY 12059. He writes in part: “We are still homesteading with a freezer full of Mildred’s garden produce, rabbit, and free-range chicken and turkey. Three goats consume the brush we cut around the house. I assist with weeding, etc., but my major effort is to accumulate firewood and get through the winter. Now I am carrying back dry poles picked up during the daily hike in the woods with our two dog friends.

“Writing projects literally surround me. A tenth comment since 1990 on the honey bee dance language controversy has just been published (T. S. K. Johansson 1997. Retrospect—visit to Karl von Frisch. Bee World 78(4): 197-200). A major effort has been recycling our extensive collection of beekeeping literature. Mann Library at Cornell credits our donations with making their excellent collection even better.”

**Martin Kaplan.** Martin lists his continued involvement in the union and academic scene: he is secretary of the NY AAUP (third term); he is a PSC delegate to the Collective Bargaining Congress of the AAUP; he is on the Executive Council of the Retirees Chapter of the PSC; and he continues as Trustee of the Belle Zeller Scholarship Fund (4th term).

**KARL KOOPMAN 1920-1997**

Karl Koopman, curator emeritus at the American Museum of Natural History, died September 20, 1997. He taught comparative anatomy in the QC Biology Department in 1952 and 1953, and remained as adjunct faculty until 1959. However, his influence on the Department was more profound than these dates suggest. He was responsible for recruiting Max Hecht to the Department; Max served as Chair for 18 years, from 1963 to 1981.

To the world at large, Karl Koopman was the most knowledgeable bat expert of his time. Diane Ackerman, in an obituary in the *New York Times*, speaks of him as follows: “Like Aristotle, he knew everything. When he died, a vast knowledge of biology died with him. Blessed with a photographic and encyclopedic memory beyond the ken of computers, he was a dynamic resource on whom colleagues came to depend. How esoteric was his knowledge? Merlin Tuttle, Executive Director of Bat Conservation International, recalls an occasion when Karl Koopman steered him to a paper unknown to other bat experts, published in Spanish, in an Ecuadorian journal that had folded after the first issue. Out of respect and disbelief, colleagues sometimes amused themselves by trying to stump him with esoterica, but they always lost.”
NEW FACULTY: MONTAGNIER AND SAVAGE-DUNN

Two new faculty members joined the Biology Department this September. They are Bernard and Gloria Salick Distinguished Professor Luc Montagnier and Assistant Professor Cathy Savage-Dunn. The two come from different traditions, but we expect both to add luster to our department.

LUC MONTAGNIER

A December 20, 1997 article by the New York Times shows a photo of Luc Montagnier pinned to a star. Along with five other academic luminaries, he is identified as an academic superstar. The description is appropriate both in terms of the amplitude and significance of Montagnier’s work. He is the author of 353 scientific articles, many in such exclusive venues as Science, Nature, and Cell. A number of these, dating from 1983, report on one of the great detective stories of modern biology: the discovery of HIV, the virus responsible for AIDS. In 1984, the discovery was confirmed and amplified by Robert C. Gallo and coworkers at the National Cancer Institute.

Luc Montagnier has gone on to establish other scientific milestones: the isolation of HIV-2 from a West African patient, the identification of CD4 as an HIV receptor, the recognition of apoptosis in T-lymphocytes as a mechanism of viral pathogenesis. Dr. Montagnier has been widely recognized for his accomplishments, including honorary degrees from eight universities. Some of his major international awards include the Lasker Prize, the Japan Prize in Preventive Medicine, the King Faisal Prize, the Commandeur de la Legion d’Honneur, and full membership in the French Academy of Sciences. Until this year, he has been a Professor at the Institut Pasteur in France, and head of its Division of AIDS and Retroviruses.

At Queens, Montagnier will become the head of a new Center for Molecular and Cellular Biology which will recruit a top-notch research staff and will be housed in its own state-of-the-art facility. One focus at the Center will be the development of a cheap and effective AIDS vaccine. At present, 90% of the estimated 5.8 million annual new cases of AIDS occur in developing countries where patients cannot afford the $12,000-$15,000 annual cost of the new protease inhibitor therapies.

Luc Montagnier will also participate in the Department’s teaching programs. He will teach his first course at Queens College this spring—a graduate seminar on emerging infectious diseases.

CATHY SAVAGE-DUNN

Cathy Savage-Dunn is a New Yorker. She grew up in Staten Island and attended Stuyvesant High School. While taking the SI ferry one morning, she remembered a take-home physics lesson on momentum: watching a Norwegian freighter on a collision course with the ferry, unable to change direction in time. Cathy survived the crash, went on to get a BS and MS (cum laude) from Yale University, then got her Ph.D. at Columbia University. At Columbia she also met the focal animal in her life: Caenorhabditis elegans, the 1-mm-long, 959-cell adult worm. Among its other attractions, C. elegans is an important model genetic organism, in a league with Drosophila, Arabidopsis, Saccharomyces, and others.

Cathy has spent her first semester at Queens teaching part of the introductory course and setting up her lab: ordering furniture and equipment, and writing a record seven applications for research grants to help support her future work at Queens. We wish her high success.

WASSERMAN ELECTED AAAS FELLOW

Professor Marvin Wasserman, who came to the Department in 1962 from Melbourne University, has been elected a Fellow of the American Association for the Advancement of Science. Election as an AAAS Fellow recognizes lifetime achievement in one’s scientific discipline. He will be inducted at the February AAAS meeting in Philadelphia. One fellow inductee will be Stanley Prusiner, the 1997 Nobel laureate in Physiology.
and Medicine.
Marvin Wasserstein is a population geneticist best known for his studies of chromosome inversions in *Drosophila* to elucidate mechanisms of speciation. His research has been supported by five major grants from the National Science Foundation, two from the American Philosophical Society, and others. He has traveled to Latin America, the South Pacific islands, Australia, New Guinea, and Malaysia to collect research materials.

As a man conspicuously out of place in exotic locations, Marv has had his share of run-ins with army units, who mistook him for a revolutionary leader, and police units, who mistook him for a drug-smuggler. He survived, by quickly surrendering, and returned to Queens, where he served as past Chair of the Department. He is currently the Biology MA Adviser and is a member of the CUNY Committee on Research Awards.

**MAGAZINE WINS TEACHING AWARD**

*Harold Magazine*, Associate Professor in the Biology Department, was one of the winners of a President’s Award for Excellence in Teaching at the Fall 1997 Faculty and Staff Assembly. Harold’s normal teaching responsibility is animal physiology, a course he restructured and modernized. Students have praised Harold’s “energy and genuine enthusiasm,” an “animated, engaging style,” and “awesome” command of the material.

Harold joined the Biology Department in 1992, but his association with QC reaches back much further: his father was a student at the College in the 1950s. The following is an excerpt from Harold’s acceptance speech:

“As an immunologist who received his graduate and postdoctoral training in clinical departments of a medical school, I was exposed to many faculty who viewed undergraduate teaching as a necessary evil associated with an academic appointment. It is my belief that the students at Queens College are unique, and in my opinion among the very best found at any university. Their dedication ensured that I would view teaching as a privilege, not a chore.

“The vast majority of my students have several factors in common. All are attending college with great personal and financial sacrifice and exhibit an intense dedication to their studies. Some work 30-40 hours a week to pay for their education, others are first-generation immigrants who must attend to their families, with education of only secondary concern. One student, for example, was embarrassed that she could not keep up with her studies. I later learned that her mother had pneumonia and her grandmother was in a coma. She had to assume their responsibilities in addition to her own. Other students may work more than 30 hours a week, have full course loads, and then ask if they can volunteer what free time they have remaining to perform research in my laboratory. These stories are not uncommon.

“I have found that if I educate my students at a level that exceeds their expected capacity to learn, they adjust their limits and then exceed my expectations. If my students study with such extreme dedication and commitment, how can I teach at a level that is anything less than my very best?”

**CHAIRMAN’S CORNER ULDIS ROZE**

The current academic year marks the 60th anniversary not only of Queens College, but also of the Biology Department, one of the founding departments of the College. In 1937 the Biology Department shared E Building with Chemistry. Today, the bulk of the department is housed in Colwin Hall (formerly E Building) and in the Science Building. In 1937, as in 1997, the heart of the College was built around the Quad.

Over the years, as new buildings have been erected and old ones demolished, campus planners have paid attention to two principles: 1) development of an inner campus, focused on the people-friendly Quad; and 2) maintenance of the open view to the west, with the Manhattan towers in the distance.

These guidelines of architectural planning reflect the educational policy of both the College in general and the Biology Department in particular. On the one hand, the Department prides itself on its inward educational focus. We score high on student teaching evaluations, and in recent years two Biology faculty members have won the prestigious Presidential Teaching Award. Teaching is both a professional and personal responsibility which often extends many hours beyond clocked classroom time, as undergraduate and graduate students take part in research projects and tutorials.

On the other hand, members of the Department maintain an outward-directed, professional commitment to their individual disciplines. They publish professional books and articles, attend professional meetings, apply for external research grants, and keep abreast of biological developments. In this way, our students get an education that is not only personal and nurturing, but is up to date and connected to the great vistas beyond our Quad.
BIOLOGY COMPUTER LAB OPENS

A 1996 grant from the Howard Hughes Foundation to the science departments at Queens College included $49,350 for a new Biology computer lab.

Many people worked hard to make the lab a reality: R. Calhoon, L. Marcus, C. Michels, T. Short, D. Alsop, and E. Peers, as well as College carpenters, electricians, computer specialists, and a student aide, Rosie Isla.

The work involved not only grant writing to the Hughes Foundation and the NIH, but work with paint brush and screwdriver, in which Bob Calhoon took part to get the lab ready for the Fall '97 semester.

The final step occurred on September 22, when the students in Leslie Marcus's Biometrics course carted 11 Dell computers into the lab, loaded the software, and began computing. The laboratory will be used in many more courses in the future, and will introduce students to the materials in their courses as well as to the biological resources of the Internet.

FACULTY PORTRAIT:
ANDREW M. GRELLER

Andy Greller grew up in the Bronx and in Queens, went to college in Manhattan (B.A., City College; Ph.D., Columbia), got his first job in Queens (QC 1967), and now lives in Syosset, in Nassau County. But these limited geographical coordinates hide a ferocious traveler. He has traveled throughout the contiguous U.S., southern Canada, all of Mexico, Jamaica, Puerto Rico, U.S. Virgin Islands, Trinidad and Tobago, Kenya, the Seychelles, Sri Lanka, India, Thailand, Russia, the Georgian Republic, Andalusia, the Canary Islands, Portugal, Slovenia, Croatia, Turkey, as well as an assortment of European capitals.

When Andy travels, he enters deep into the country. In Mexico, he learned to ride a mule to climb the steep slopes of Sierra de la Laguna in Baja California Sur. In India, he contracted a skin infection by swimming in tropical waters. In Turkey, he traveled dirt roads to reach the Black Sea villages where no tourists stray. In every locality, he pushes into the countryside where the roads stop and forests begin. Andy's travels are the travels of a plant geographer, trying to understand the distribution of vegetation in response to climatic and edaphic factors, and in obedience to the forces of interaction with other biota. Over the years, Andy's publications have become more mathematical and more computer-dependent, but the first love of his science remains the physical encounter between botanist and flower.

To much of the breathing, CNN-watching world, the plant world is divided into the mosses, the grasses, the weeds, and the trees. To Andy, that nondescript plant growing in the shade is not a small green weed; it is the enchanter's nightshade, Circaea quadrisulcata, and it's a member of the Onagraceae. To go on a hike with Andy is to see the world sharply, in minute and ordered detail, as one saw it in childhood. And when he has found and identified all the 800+ vascular species growing in the woods and openings of Caumsett State Park, there are new life forms to encounter in the cloud forests of Sri Lanka or the mountains of the Sierra Madre.

How does one acquire this kind of knowledge? Andy recommends a steady reading of field guides. But it helps to have a thorough background in plant morphology, to have a lover's reaction to a flower, and to have something that can only be described as botanical genius.

One of the privileges of living an academic life is the opportunity of stopping at seven-year intervals to reinvigorate one's creative roots. Two sabbatical leaves have been particularly important in Andy's career. The first was a year spent at the botanical Elysium of U. California-Davis. Here Andy interacted with major figures in U. S. botany, especially D. I. Axelrod (Paleobotany) and M. G. Barbour (Ecology and California vegetation). He recalls with pleasure a class field trip in the California desert, under Axelrod's direction. After a morning of successful fossil hunting, the group stopped for an a fresco lunch on the hillside with chilled fine California wine and good conversation. From the California experience came an interest in the climate, vegetation, and paleontology of Florida, with a series of studies published in the Bulletin of the Torrey Botanical Club and in the Review of Paleobotany and Palynology.

A second influential sabbatical occurred in 1980, during a Fulbright grant to the University of Peradenya (Sri Lanka). Here Andy threw himself into a study of forest composition, bioclimatology, and leaf-size analyses of zonal forests. Before the onset of the Tamil civil war, he returned to Sri Lanka and India for further NSF-sponsored studies, which have led to seven publications and, from 1994 to 1997, the sponsorship of an outstanding Ph.D. student from Sri Lanka, Douglas S. A. Wijesundara. Wijesundara successfully defended his thesis in fall 1997 and now holds a research position back in his home country.

Over the years, Andy Greller has published 39 scientific articles or book chapters, 32 book reviews (he served as book editor of the Bull. Torr. Bot. Club), 15 field reports, and assort-
ed abstracts and reports. He has served as Vice President and President of the Torrey Botanical Club, the major botanical association in the East. He is also an environmentalist, serving on the Board of Directors of the Metropolitan NY Forest Ecosystem Council and as a Trustee of the NYS Northeast Queens Nature and Historic Preserve Commission. In one example of such commitment, Andy led a tour and took part in a news conference last summer on the subject of 200 large trees in Alley Park endangered by a proposed expansion of the LIE. Extensive coverage was given by Newsday and other area papers.

In the QC Biology Department, Andy has almost single-handedly guided the field botany program, and has attracted an enthusiastic and respectful following. The Grelle-led field trips have ranged from the New Jersey Pine Barrens to the Catskill Mountains and every place in between. As often as not, the class arrives singing, encouraged by Andy's fine tenor voice and his clear memory of lyrics from Oklahoma! and other Broadway shows.

In the future, experts will think differently about Florida vegetation and forest ordination because of Andy's studies. But in the nontechnical arena, a more subtle Grelle Effect will take hold: as the Grelle graduates fan out into local schools and advanced studies, more natural habitats will find themselves defended, more weeds will be recognized by name, and more surprised wildflowers may find themselves kissed.

ALUMNI VOICES

Jerald A. Bovino ’67, M.D. writes in part: “It was wonderful to hear about what is happening in the Biology Department, as it has been 30 years since I graduated. I attended medical school at SUNY Buffalo, where I was graduated first in my class of 107 students. I always credited my success in medical school to the excellent preparation I received from the QC Department of Biology. I am currently chairman of the Section of Retinal Surgery at the St. Vincent’s Medical Center in Toledo, OH, and hold an academic appointment at the Medical College of Ohio. In addition to more than 25 published articles in ophthalmology journals, I have authored a textbook on Macular Surgery which is considered the definitive work on the subject. I have also founded the Vitreous Society, the largest organization of vitreoretinal surgeons in the world, and served as its first president and first emeritus director.”

Patricio Bruno ’96. Pat is a first-year student at the New York College of Osteopathic Medicine. He says the work is hard but QC Biology provided a good start in his studies. Other QC Biology graduates in attendance at NCOM: David Abayev ’97, Omar Butt ’93, Harmit Kalia ’96, Samar Khan ’96.

Robert Finks ’47, Ph.D. Bob Finks took part in the 1997 commencement with classmates of the 50th anniversary class. He remains active as Professor of Geology at QC, where, fitting his biology training, he is an expert on fossil sponges.

Kevin Helfenbein ’97. Kevin is now a first-year graduate student in the Biology Department at the University of Michigan. He has completed his first semester as a graduate teaching assistant, and is embarking on research in Wes Brown’s lab. The topic is understanding animal evolution via study of mitochondrial DNA.

Barry Hinderstein BA ’64, Ph.D. ’69, DDS ’86. He writes in part: “We have fond memories of our years at Queens. I was there 9 years and I was among the first graduate students. I had no idea what I wanted to do, but it did not matter. I went on from QC for a year at the University of Texas with Frank Blair. I next taught for a year in the Biology Department at the University of Saskatchewan. I then taught at Sam Houston State University in Huntsville, TX, where most of the State’s prisons are located. Max [Hecht’s] training came in handy as I was the local snake person. Carro and I were very active politically. She was the first president of Huntsville NOW. I and I was the first president of Huntsville Audubon Society. We were the leading feminist and environmentalist, respectively. The mayor was thrilled when we left in 1975 so Carro could go to Law School. She practiced law, especially family law, for 18 years before deciding it was not fun any more. I started teaching gross anatomy at the Dental Branch (at U. Texas Houston). I changed to part-time teaching in 1982 and completed my dental degree in 1986 at age 43. I have developed a clinical and research interest in temporomandibular disorders and chronic facial pain. My primary appointment is in Basic Sciences, but I have adjunct appointments in Oral Surgery and in Psychiatry. I am also into long-distance bicycle touring. I would love to go to that 5-borough ride with 30,000 other bike nuts like me!”

Arlene F. Hoffman ’62, D.P.M., Ph.D. writes in part: “I am contributing as a way to thank Dr. Aaronson for his belief in me. When I was 19-years-old and a junior in his Microbiology class, Dr. Aaronson encouraged me to go for a Ph.D., not M.A. as I had been considering. It was 1960 or ’61 and it never dawned on me that I, as a young woman, was good enough to get a Ph.D. I have since gone on to become Chairperson and Associate Dean for Curricular Affairs at the CA College for Podiatric Medicine. For the last 10 years I have been mostly in private practice, though I still teach at the CCPM.”

Alan I. Kaplan ’72 is a naturalist in the Tilden Nature Area of the East Bay Regional Park District of Berkeley, California. He writes that he got a great education at Queens College, getting a close first look at such interesting groups as the insects and the ferns.
1997 BIOLOGY GRADUATES

Abnous, Scarlet – SUNY Stony Brook Dental School
Acosta, Shemyder
Aronow, Joseph – Biology Honors, NYU Dental School
Belew, Yodit – Biology Honors, cum laude, Cornell U. Medical School
Bhat, Rohini – Biology Honors, summa cum laude, co-winner of Darwin Prize, QCRA
Mardel Ogilvie Scholarship, U. Conn School of Medicine.
Boujarghomi, Azar
Brown, Myra – Biology Honors, cum laude, secondary education
Burke, Eustace
Chimento, Carol
Chong, Monica – applying to Optometry School
Conway, Daniel
Davidoff, Samuel – Biology Honors, magna cum laude, co-winner of Lancefield Prize, SUNY Stony Brook Medical School
Ferdinand, Jean
Gatto, Michael
Grasela, Katarzyna
Helfenbein, Kevin – Biology Honors, cum laude, co-winner of Lancefield Prize, U. Michigan
Ph.D. Program in Biology
Israel, Rany – Biology Honors, cum laude, applying to Medical School
Kanellopoulos, Haridimos – Biology Honors
Khamov, Aleksandr – applying to Medical School
Khalid, Faiza
Ko, Born – Biology Honors, cum laude
Ko, Carol
Koumaki, Vasiliki – Biology Honors, cum laude
Kravets, Igor – Dr. Jeffrey Hollander Memorial Award, SUNY Syracuse Medical School
LaRuffa, Erik
Mantzoukas, Ari
Mavreas, Nicholas
Mueller, Martina – Medical school in Germany
Narasimhanarajan, Malu – Biology Honors, applying to Medical School
Ni, Lily
Oken, Robin – Biology Honors, cum laude
Okafor, Joy – applying to Medical School

Papadatos, Donna
Penalver, Angelica
Pinkhasov, Leonid – Biology Honors, magna cum laude, applying to Dental School
Rauchwerger, Jeffrey – U. Guadalajara Medical School
Riccardi, Michael – CUNY Graduate School
Rodriguez, Pedro
Samadi, Zabi
Seshadri, Prashant – Biology Honors, applying to Medical School
Shiferson, Elena
Singh, Amar – Biology Honors, magna cum laude, Phi Beta Kappa, co-winner Darwin Prize, Jonas Salk Scholarship, Donald E. Kirkpatrick Scholarship, SUNY Brooklyn Medical School
Sommerla, Matthew – applying to Medical School
Song, Sangchin
Stamerra, Celia – Biology Honors, cum laude
Tong, Wayne – Dental School
Wagner, Gregory
Yeh, Nancy – Biology Honors, cum laude

BIOLOGY ALUMNI FUND

Since 1993, Biology alumni have been responding generously and at an increasing pace with donations to their home department.

1993 302
1994 2,060
1995 4,916
1996 6,255
1997 10,185

We are deeply grateful to you; the funds are used to support student travel to present original research at scientific meetings, to support student and faculty research, for departmental enhancement, and for curricular development. In these areas, where tax-levy funds are insufficient, alumni donations give our educational effort an extra edge of quality.

The donations listed for the calendar year 1997 do not include one extraordinary gift: the $3 million donated by Biology alumnus Dr. Bernard Salick ’60 to endow a chair occupied by Distinguished Professor Luc Montagnier. This gift opens an entirely new vista for the Department and for the College. We feel astonished, grateful, and validated in our academic journey.

List of Donors,
February – December 1997
(Including donations to the Aaronson Lectureship Fund and to the Biology Sterilizer Fund).

$1,000+
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$500-999
Alan H. Beyer, M.D. ’72
Dr. Jan A. Clarke ’73
Dr. Barbara Filner ’62
Judith S. Steinman ’61

$200-499
Dr. Octavio Choy ’66
Christopher M. Criscuolo, M.D. ’79
Dr. Linda Granat ’68
Lester J. Krasnogor, M.D. ’59
Michael Levine, D.D.S. ’64
John C. Morris, M.D. ’78
Price Waterhouse LLP
Dr. Jack A. Schmettering ’79

$100-199
Gloria B. Balaban ’44
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Dr. Andrew A. Wallman ’57
Ephraim K. Zackon ’44
Bruce D. Zik, M.D. ’78

$10-99
Dr. Jeffrey Behar ’77
Dr. Kenneth Blumberg ’77
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Anne S. Zegar ’64
Naida Zucker ’67
1997 BIOLOGY PUBLICATIONS


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