Dick Setlow Steps Down as Associate Director, Life Sciences; Returns to Research in BNL's Biology, Medical Departments

After 12 years as Associate Director and two years as Acting Associate Director of Life Sciences, as well as seven years as Chairman of the Biology Department during his 24 years at BNL, Richard (Dick) Setlow stepped down from the Directorship on July 1. He will remain at BNL as Senior Biophysical Scientist in the Biology and Medical Departments.

"Dick has made many discoveries relating to the process of DNA repair in cells, and built research groups in this field at both Oak Ridge National Laboratory (ORNL) and BNL," wrote Laboratory Director John Marburger. "Hank accepted many responsibilities and gave his time freely to help make the Lab function smoothly. The entire Laboratory is indebted to Hank for his willingness to help BNL through the most administratively difficult months in its 50-year history."

With his retirement home in Spring Hill, Florida, completed one year ago this month, Grahn could have left the Lab 12 months ago, at a time when BNL's future was as uncertain as who its next management and operating contractor would be. However, Grahn explains, "I decided to stay on, to help lead the Lab through the difficult months, to help mitigate the financial and administrative problems that I knew we would face."

But now, having led the Lab through that transition and helping to make the Lab function smooth, the entire Laboratory is indebted to Hank for his willingness to help BNL through the most administratively difficult months in its 50-year history."

Hank Grahn Retires Today as BSA Chief Financial Officer, BNL Assistant Director, Finance & Administration

Having served BNL for almost 40 years, helped the Lab through the transition between AUI and BSA, and worked with BSA to establish a framework for future fiscal years, BNL's Assistant Laboratory Director for Finance and Administration, Henry (Hank) Grahn, who is also BSA's Chief Financial Officer, is retiring today. "Hank's long experience in the various budget and administrative offices in the Lab, combined with an energetic approach, has helped this Laboratory through many difficult episodes," notes Laboratory Director John Marburger. "Hank accepted many responsibilities and gave his time freely to help make the Lab function effectively."

Hank Grahn

Situation team and helped introduce the new people to the Lab's financial and administrative operations, and having worked through the Lab's terrible budget problems this fiscal year and worked with BSA to return both a 1.2 per cent and a larger dollar amount of its fee to BNL, "I accomplished what I wanted to do," says Grahn. "It's all right, I still have my health and I feel great. Marie, my wife of 41 years, works as a senior administrative assistant in the Lab, and others. I only regret that there are not enough hours in the day for me to do both science and administration."

In Ogeka's absence from ASD, Lance Warren, Manager of the Administrative Support Division (ASD), is interim Assistant Director for Finance and Administration.

Asst General Manager of the Administrative Support Division, Ogeka is also serving as Interim ASD Manager. And, while Israel is on assignment, Deputy Fiscal Officer Susan Peruino is overseeing the Fiscal Group.

Searches Are On, Interim Assignments Are Made

With Richard Setlow's return to research in the Biology and Medical Departments as of July 1 (see story, top of page), a search, led by Deputy Director for Science, Technology Peter Paul, has been on for a new BNL Associate Director for Life Sciences.

In the interim, Special Assistant to the Director Peter Bond has assumed Setlow's former administrative responsibility for the Institutional Biosafety Committee and the Institutional Animal Care & Use Committees, and Bond now serves as the point of contact for human studies at BNL.

Another search, this one headed by Deputy Director for Operations Thomas Scogna, is ongoing for a new Associate Director for Finance and Administration, given Henry Grahn's retirement from the Lab at the end of today (see story, middle of page). In the meantime, Greg Ogeka, who is Manager of the Administrative Support Division (ASD), is interim Assistant Director for Finance and Administration.

Ogeka's absence from ASD, Lance Warren, Manager of Operations & Maintenance of the Plant Engineering Division, is serving as Interim ASD Manager. And, while Israel is on assignment, Deputy Fiscal Officer Susan Peruino is overseeing the Fiscal Group.

BNL Board of Directors issued a resolution, directing Grahn "to enjoy his retirement to the fullest extent possible, ignoring and dismissing all obstacles that may impede such enjoyment."

Though the Grahns are anticipating enjoying a lot of time on the golf course, Hank Grahn will still keep his hand in BNL's financial and administrative affairs: "Because the Laboratory simply cannot let a valuable asset slip away," Marburger has invited Grahn to continue his association with the Lab as a consultant, an invitation that both Grahn and his wife, Susan, have accepted.
Stony Brook Resident Wins BWIS 1998 Chancellor Scholarship

Roseanna Ryan of Stony Brook has won the 1998 Renate W. Chancellor Scholarship for Women.

The scholarship is awarded annually by Brookhaven Women in Science (BWIS), a not-for-profit organization formed to promote the advancement of women in the scientific, engineering, and technical professions.

This year's award was presented to Ryan at the July 23rd BWIS Summer Reception. By editor-in-chief Martin Blume, the American Physical Society, who is a senior physicist in BNL's Physics Department and was the guest speaker at the event.

As a colleague and friend of the late Renate Chancellor, whose story is told in the book Concordia, the scholarship is named. Blume recalled the highlights of Chancellor's career at BNL, where she was director of the groups that designed and built the 200-million-electron-volt linear accelerator injector for the Alternating Gradient Synchrotron.

As Blume recounted, Chancellor is noted for her unique design, made in collaboration with BNL's late Ken Green, of an electron storage ring optimized for synchrotron radiation production. The Chancellor-Green lattice, as it is called, is the basis for the two storage rings at the National Synchrotron Light Source and other synchrotrons around the world.

The scholarship is intended to encourage women to pursue careers in the sciences, engineering or mathematics, and its recipients have been Long Island women whose college education had been interrupted, but who had returned to school at least part time to study for a degree.

In 1995, Ryan enrolled part time at SCC, becoming a full-time student in 1996. She was graduated this spring with an associate's degree in liberal arts with an emphasis in math.

To earn a bachelor's degree, she will matriculate in the fall in the applied math and statistics program at the State University of New York at Stony Brook. Ryan hopes to be graduated in the year 2000, with a math major.

"My goal is to be an environmental scientist," said Ryan. "I'm not sure of the specific field that I would enter, but I'd like to help keep the environment safe and clean for future generations. I appreciate the scholarship from BWIS, as it will help me fulfill my educational and career goals."

''BNL is a great institution, but, as I learned from the oral history project, there were really good people, both scientific and support staff, who cared. It is my hope that, by bringing BNL's staff together and by uniting it with the surrounding community, we will continue to succeed and build upon its glorious past," concludes Grahn.

Died Setlow (cont'd.)

Utilization of capacity to cells for DNA repair after UV radiation was related to the life span of the species tested.

In 1988, Setlow was one of two winners of the Enrico Fermi Award, which is the highest scientific award given by the U.S. Department of Energy, recognizing exceptional and altogether outstanding scientific and technical achievement in the development, use, or control of atomic energy.

Setlow was honored: "For his pioneering and far-reaching contributions to the fields of radiation biology and molecular biology, beginning with the discovery and conceptualization of the processes of DNA repair that have had an impact on research in genetics, recombination, mutation, and carcinogenesis."

Much of Setlow's research in the 1990s focused on the cause of skin cancer in humans.

In 1993, he led a team to find that the most serious form of skin cancer—malignant melanoma—is induced by all wavelengths of the sun's UV rays.

He based this conclusion on experiments he had performed using a fish model, a hybrid cross of platyfish and swordtails of known genetic composition that, like humans, is susceptible to UV-induced melanoma.

This surprising discovery contradicted the long-held belief that only short UV wavelengths — in the 280 to 320 nanometer range — are potentially harmful.

In addition to his 1988 Fermi Award, Setlow's many honors include the Medal of Science presented at the Eighth International Congress on Photobiology, honorary Doctor of Science from the University of Rochester and degrees from York University, Canada, in 1985, and the University of Essen, Germany, in 1993. In 1996, he was elected a Fellow of the American Association for the Advancement of Science.

Setlow has served as President of the Biophysical Society and of the Comité International de Photobiologie. Among his many affiliations with professional organizations, he has been a member of the National Academy of Sciences since 1973, and, in 1975, he was elected a Fellow of the American Academy of Arts and Sciences, the author or coauthor of more than 250 scientific articles or book chapters.

Setlow's future plans are already under way: Now that he has more time for research, he is using his sensitive fish system to study the genetic effects of space travel.

He hopes to collaborate with Japanese colleagues to use medaka fish as a model system for examining the effects of heavy, energetic, charged particles, such as those found in cosmic rays, on producing mutations in their genome.

Such experiments, to be carried out at the Alternating Gradient Synchrotron, will make possible the study of the genetic effects of space travel.

As Setlow says, "Fish stories are what makes Long Island great!'"
**1998 Goldhaber Prize — Two Awarded**

Two outstanding graduate students from the State University of New York at Stony Brook have won this year’s Gertrude S. Goldhaber Prize. They are Mary Josephine Bellanca and Shan-Ho Tsai. At a ceremony organized by Brookhaven Science in (BWSI), Bellanca (far left) received her award from former BNL Director Maurice Goldhaber (left), husband of the late Gertrude Scharff Goldhaber. Tsai was unable to attend the awards ceremony, since she had begun work in a postdoctoral position at the University of Georgia. Administered by BWSI, the $500 prize was first awarded in 1992 in honor of the late Gertrude Scharff Goldhaber, the renowned nuclear physicist who was BNL’s first woman Ph.D. The prize recognizes substantial promise and accomplishment by graduate students in physics who are either enrolled at USB or are performing thesis research at Brookhaven Lab. The ceremony included an introduction of the award winners by two physics professors from USB: Robert Shrock, who had nominated Tsai for the award, and Harold McAlfee, who had nominated Bellanca. Bellanca, who expects to earn her Ph.D. in August, gave a seminar entitled “Rabbits, Cats, and Other Quantum Mechanical Beasts: One-Dimensional Laser Cooling in the Quantum Domain in Helium.” Tsai’s poster, “Studies of Ground State Entropy in Potts Antiferromagnets,” was also presented.

**Free Shuttle Service**

For Students, Visitors

Students and visitors living on site are reminded that the Lab provides convenient free shuttle service between 12:30 and 4:30 p.m. on the following Saturdays to local attractions:

Aug. 1 Port Jefferson Village
Aug. 8 Tanger Mall, Aquarium, Surf Splash
Aug. 15 Smith Haven Mall
Aug. 22 Port Jefferson Village

This schedule is subject to change due to weather. Passengers will be picked up and dropped off in the Bell Avenue parking lot of Fleming House. Bus 189. To reserve space on the shuttle, call Janita Beatty, Ext. 2355.

**BERA Bus to Yankees**

New York Yankee Game, Friday, August 28, $29 per person

BERA is offering bus and admission tickets to the 7:30 p.m. New York Yankee game against the Seattle Mariners. The bus will leave the Brookhaven Center promptly at 4:30 p.m., be there no later than 4:45 p.m. to arrive at Yankee Stadium in time for the game. And if you really wanted to see the game, you can start by keeping your eye on the scoreboard, where BERA/BB/OKC/Avon/BERA will be prominently displayed! After the game, the bus will return to BNL at approximately 10:30 p.m.

If you wish to be on sale, first-come, first-served, at the BERA Sales Office in Berkner Hall, Tuesday-Friday, 9 a.m. to 1:30 p.m. For more information, call Andrea Dehler, Ext. 3347, or M. Kay Delmore, Ext. 2873.

**Midnight Madness Trip:**

Wait List for Second Bus

Sosanny mad, midnight people have signed up for the Saturday, August 22, art-and-flowers bus trip sponsored by ATN. It has signed up for the Saturday, August 28, Longwood Garden tour. At approximately 10:30 p.m., the bus will be on sale, first-come, first-served, at the BERA Sales Office, in Berkner Hall, Tuesday-Friday, 9 a.m. to 1:30 p.m. For more information, call Andrea Dehler, Ext. 3347, or M. Kay Delmore, Ext. 2873.

**Arrivals & Departures**

**Arrivals**

Robert P. Baker ............. AGS
John R. Baumhochschultz ......... AGS
Frank S. Nause ............. AGS

**Departures**

Gerhard Redelberger .......... Cent. Shops
Free Summer Sunday Tours Continue Through August 31st

HFBR: What’s Under the Dome? Find Out This Sunday!

The great dome (pictured below) of the High Flux Beam Reactor (HFBR) is well-known around the lab where everyone recognizes it, even if they don’t know what goes on under that dome.

This Sunday, however, all are invited to learn what is under that dome, when the HFBR is the scientific machine featured in a mini-tour offered as part of the Lab’s free Summer Sundays.

Right now, the HFBR is not operating, pending a decision by the U.S. Energy Secretary on its future. During the Summer Sundays mini-tour, HFBR operations staff will explain how they maintain the machine and what happened when it was operating.

Scientists who did research on the HFBR’s experimental floor (right) will talk about some of the ground-breaking discoveries in medicine and materials science that have been made there.

This research includes the development of, for example: a form of the element thallium that is now used for heart-stress tests all over the world; a form of tin that has produced promising results when used to treat bone-cancer pain; and methods for dissolving blood clots, as well as new discoveries about plastics, detergents and magnets.

In addition, as is offered every Sunday of this season’s Summer Sundays, Lab tourists can take a bus tour of the site and, in Berkner Hall, see the fascinating Whiz Bang Science Show.

Fun for children of all ages, this show is a lively, interactive demonstration of basic scientific principles, and it is presented at 10:30 a.m., noon, 1:30 p.m., and 3 p.m.

Organized by BNL’s Museum Programs on Sundays through August 31st, Summer Sunday tours are free and open to all, and are offered from 10 a.m. to 5 p.m., but visitors must arrive before 3 p.m.

Placement Notices

The Lab’s placement policy is to select the best-qualified candidate for each available position. Candidates are considered in the following order: (1) present employees within the Laboratory and (2) outside applicants. In keeping with the Affirmative Action Plan, selections are made without regard to age, race, color, religion, national origin, sex, disability or veteran status.

Each week, the Human Resources Division lists new placement notices, first, so employees may request consideration for themselves, and, second, for open recruitment. Because of the priority policy stated above, each listing does not necessarily represent an opportunity for all people.

Except when operational needs require otherwise, positions will be open for one week after publication.

For more information, contact the Employment Manager, Ext. 2802, or call (631) 344-7701 or (631) 344-7744 for a complete list of all job openings; use a TDD system to access job information by calling (631) 344-6018; or access current job openings on the TDD system by calling (516) 677-5300.

The following vacancies are exempt from the Director’s hiring freeze.

SCIENTIFIC RECRUITMENT - Doctorate usually required. Send C.V. to M. Kipperman, Bldg. 185, MY 7464, POSTDOCTORAL RESEARCH ASSOCIATES/ASSOCIATE PHYSICISTS - in a group involved in an on-going study of rare K decays at the Alternating Gradient Synchrotron. Will be responsible for maintaining the operation of high voltage power supplies and/or radio frequency (rf) electronics. Will assemble, test, and troubleshoot analog and other test equipment. Duties will include assembling prototype designs, specific equipment, and laboratory instrumentation; performing multiple tasks in a user-oriented facility. Instrumentation Division.

LABORATORY RECRUITMENT - Opportunities for Laboratory employees.

NSI770. OFFICE SERVICES POSITION - (term appointment) Requires experience with WordPerfect 6.1 or 7.0 or Microsoft Word, a working knowledge of P&ID and CAD programs, experience with credit-card processing, and the ability to work overtime, if necessary. Requires CCAST knowledge and a working understanding of any hotel-type reservation system is desirable. Will maintain all aspects of an automated housing system. Will take payments, handle money, and coordinate housekeeping and maintenance services in the dormitories. Housing Office, Administrative Support Division.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

DD701. TECHNICAL POSITION - (term appointment, repeating) Requires an AAS degree in electronic technology or equivalent, and experience in electronic circuits and electronic instrumentation, including the use of oscilloscopes, digital voltmeters, and other test equipment. Duties will include assembling, testing, calibrating and troubleshooting analog and digital electronics circuits and systems. Program- mable logic controller (PLC) and/or high vacuum instrumentation experience is a plus. Must have strong construction skills, and the ability to work with electronic schematics, sketches and verbal instructions. Alternating Gradient Synchrotron Department.

DD4774. TECHNICAL POSITION - Requires an AAS degree in electronics technology, BSET preferred, or significant relevant experience with high-voltage power supplies and/or radio frequency (rf) electronics. Will assemble, test, and troubleshoot electronic circuits. Must be able to work from schematics, sketches, and verbal instructions. May be required to work call in hours as needed. Alternating Gradient Synchrotron Department.

DD7487. TECHNICAL POSITION - (term appointment) Requires an AAS degree in electronic technology, BSET preferred, or significant relevant experience with high-voltage power supplies and/or radio frequency (rf) electronics. Will assemble, test, and troubleshoot electronic circuits. Must be able to work from schematics, sketches, and verbal instructions. May be required to work call-in hours as needed. Alternating Gradient Synchrotron Department.

DD7701. TECHNICAL POSITION - (term appointment) Requires experience with WordPerfect 6.1 or 7.0 or Microsoft Word, a working knowledge of P&ID and CAD programs, experience with credit-card processing, and the ability to work overtime, if necessary. Requires CCAST knowledge and a working understanding of any hotel-type reservation system is desirable. Will maintain all aspects of an automated housing system. Will take payments, handle money, and coordinate housekeeping and maintenance services in the dormitories. Housing Office, Administrative Support Division.