

Representative Grucci Jr. Visits BNL; Is Key Speaker at Small Business Fair

More than 200 representatives of small businesses attended a "Small and Small Disadvantaged Business Fair" at BNL on Monday, April 9.

Long Island's freshman Representative, Felix J. Grucci Jr., gave the keynote speech at the conference, focusing on the link between small businesses and the economic health of Suffolk County.

"Every large business, from manufacturers to systems research and retail organizations,

"This Laboratory has the ability to help many of these small businesses to prosper."

was a small business at one time," he said. "With its \$400 million budget, this Laboratory has the ability to help many of these small businesses to prosper, create new jobs, and put money back into the system."

Grucci added that, as the representative for the First Congressional District, he will seek out opportunities for small businesses to help them develop and grow. "The path is clear to me,"

(continued on page 3)



At the Small Business Fair are: (from left) U.S. Representative Felix Grucci, BNL Director John Marburger, and Franklin Densing, BNL. Co-sponsored by BNL and the Small Business Development Center at Stony Brook University, the fair allows small companies and small disadvantaged companies to learn how to do business with the federal government and its prime contractors on Long Island.

Michael Herbert CN 4-3-01

363rd Brookhaven Lecture

Mark Baker Presents RHIC Physics

Physicists and engineers are now preparing the Relativistic Heavy Ion Collider (RHIC) — the particle accelerator designed and built for experiments by an international team of 1,000 scientists and engineers to study the basic structure of matter — for its next experimental run, which is set to begin in May.

After last year's brief but extraordinarily productive run, the experimenters hope to increase their data samples a hundred-fold over the coming year and perhaps soon find unambiguous evidence for the long-sought quark-gluon plasma.

To recap what has happened so far, Mark Baker of the Chemistry Department will give the 363rd Brookhaven Lecture, entitled "What Have We Learned From RHIC," at 4 p.m. on April 18 in Berkner Hall.

Baker will focus on the physics results produced during RHIC's first gold-ion collisions last summer. Evidence from RHIC's four detectors — BRAHMS, PHENIX, PHOBOS, and STAR — suggests that these collisions have created small volumes of hot, dense, strongly interacting matter with a temperature of 2 trillion degrees Celsius (4 trillion degrees Fahrenheit).

"We believe that these conditions prevailed throughout the universe one microsecond [one millionth of a second] after the Big Bang," Baker says.

Under these conditions, the RHIC scientists are seeking in-

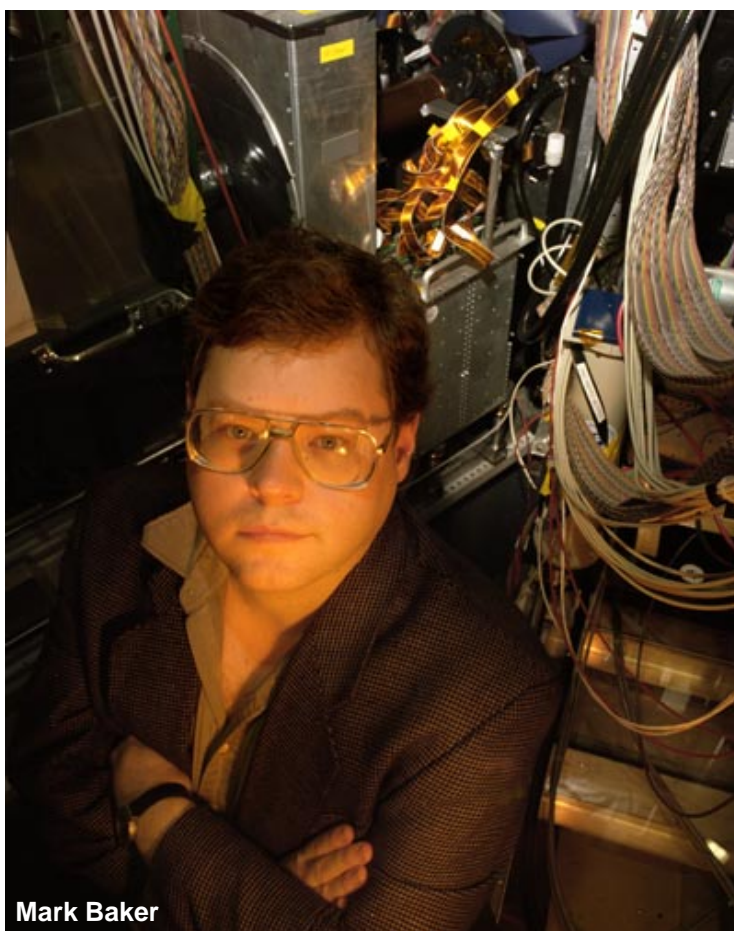
sight into the strong force, the force that holds quarks and gluons together in the protons and neutrons that make up the nuclei of atoms.

Baker received his B.S. in physics from Ohio University in 1985, and his Ph.D. in experimental high-energy physics from the Massachusetts Institute of Technology (MIT) in 1993. After working at MIT from 1993 to

1998, he joined BNL's Chemistry Department as an associate physicist. He is currently the Group Leader for the PHOBOS Heavy Ion Research Group of BNL's Chemistry Department.

Refreshments will be offered before and after the lecture. To join the lecturer for dinner at a restaurant off site after the talk, call Lois Caliguri, Ext. 4397.

— Karen McNulty Walsh



Mark Baker

Roger Stoutenburg CN 4-6-01

Worker Cancer Assessment Report Released

Cancer Distribution Among BNLees Is the Same as In Residents of Suffolk, Nassau, Upstate

**'Radiosensitive' solid cancers not elevated;
Proportionate lack of respiratory cancers noted**

The recently released assessment of cancer in BNL workers concludes that the overall distribution of cancers in past and present Laboratory employees for whom data were available is similar to the patterns of cancers found in three comparison populations: residents of upstate New York, those living in Nassau, and those residing in Suffolk.

"Of particular note," comments the author of the assessment report, Maria Schymura, who is Director of the New York State Department of Health Cancer Registry (NYSDHCR), is the fact that solid cancers that could be the result of radiation exposure "were not proportionally elevated" in the BNL population.

NYSDHCR undertook the assessment at the request of the DOE Office of Health Studies (OHS), an effort which began in April 1997 in response to employee concerns that more BNLees may be diagnosed with cancer than expected (see Bulletin of January 30, 1998; April 10, 1998; and January 15, 1999). The Cancer Registry collects data on cancers diagnosed in New York State residents in and out of state.

Of the approximately 22,500 people who have been employed at the Lab since its 1947 founding, data were available from BNL's Human Resources Division on 21,271 current and former staff — 15,444 males and 5,827 females. After comparing BNL data to the Registry's, the assessment identified 804 cancers — 599 among the 15,444 BNL men and 205 among the 5,827 BNL women — diagnosed between 1979 and 1996, which, at the time of the assessment, were, respectively, the first year of computerized registry data and the most recent year for which registry data were available.

The results of this assessment are now under review by the National Institute of Occupational Safety & Health (NIOSH) of the U.S. Department of Health and Human Services (DHHS). Under a memorandum of understanding between DOE and DHHS which was signed in 1990, only NIOSH can conduct a complete epidemiological study of the BNL work force. The OHS commissioned the assessment to help determine

whether or not more extensive follow-up is necessary.

Says BNL Director John Marburger: "I am pleased, but not surprised, that this assessment finds no elevation of radiosensitive solid cancers among Brookhaven employees, and that overall distribution of cancers does not deviate significantly from Long Island and New York State levels. This Laboratory has made worker health and safety a priority since its earliest days, and we welcome any means of verifying the effectiveness of that policy."

Marburger continues: "The assessment was intended to identify areas that warrant further investigation, and two such areas were noted. In particular, the assessment suggests the need to look at lymphocytic leukemias in women and malignant melanomas in men. The number of individual cancer cases detected was so small that it is not possible at this point to draw meaningful conclusions from these observations. Now we have to work with the Department of Energy to help the New York State Department of Health Cancer Registry and the National Institute of Occupational Safety and Health develop a plan that will lead to a more definite conclusion about these cases.

"My overall impression of the assessment data is that it confirms a population of healthy workers. But more work is needed to follow up on the few cases where excess cancers were noted," concludes the Laboratory Director.

Incidence Analysis

Cancer Registry staff performed what is called a proportional incidence analysis, that is, they divided the number of observed cases of cancer in the BNL work force by the number of cases expected given the distribution of cancer in the comparison populations. Because the dates on which BNLees who left New York State to reside elsewhere could not be gathered, NYSDHCR could not determine cancer rates, which are usually expressed as a number of cancers per 100,000 people.

To determine the distribution of cancers in the BNL population, Registry staff grouped

(continued on page 2)

Calendar

of Laboratory Events

- *The BERA Sales Office is located in Berkner Hall and is open weekdays from 9 a.m. to 3 p.m. For more information on BERA events, contact Andrea Dehler, Ext. 3347; or M. Kay Dellimore, Ext. 2873.*
- *Additional information for Hospitality Committee events can be found at the Lollipop House and the laundry in the apartment area.*
- *The Recreation Building (Rec. Bldg.) is located in the apartment area.*
- *Contact names are provided for most events for more information.*
- *Calendar events flagged with an asterisk (*) have an accompanying story in this week's Bulletin.*

— EACH WEEK —

Tuesdays: Welcome Coffee

10-11:30 a.m. Rec. Bldg. Newcomers meet friends. Mimi Luccio, 821-1435. — Hospitality event.

Wednesdays: On-Site Play Group

9:30 a.m.-11:30 a.m. Rec. Bldg. Parents meet while children play. Free, drop in any time. Monique de la Bey, 399-7656. — Hospitality event.

Wednesdays: beg.-adv. Dance Lessons

6-9 p.m., Brookhaven Ctr. North Ballroom, Marsha Belford, Ext. 5053.

Wednesdays: Yoga Practice Sessions

12:10-12:50 p.m., Rec. Bldg., free. Ila Campbell, Ext. 2206.

Tues. & Thurs.: Aerobic Dance

5:15 p.m., Rec. Bldg. \$4 per class or \$35 for any ten classes. Pat Flood, Ext. 7886; or Susan Monteleone, Ext. 7235.

Mon., Tues., & Thurs: Kickboxing

noon-1 p.m., Mon. & Thurs. and 5:15-6:15 p.m., Tues. & Thurs. Mary Wood, Ext. 5923, or wood2@bnl.gov.

— THIS WEEKEND —

Friday, 4/13

GLOBE Meeting

For information about the gay and lesbian club's monthly meeting and meeting location: Mike Loftus, Ext. 2960, or Chris Gardner, Ext. 4537.

Sunday, 4/15

Easter Egg Hunt

10:30 a.m., Rec. Bldg. Participants should bring 20 plastic eggs per child, each filled with a treat — no hard candy, please — and a snack to share. Monique de la Beji, 399-7656.

— NEXT WEEK —

All Week

*Earth Day Activities

Berkner Hall Lobby, BNL Recycling Presentation. For complete Earth Day information, see www.bnl.gov/eday.htm.

Wednesday, 4/18

*Brookhaven Lecture

4 p.m., Berkner Hall. Mark Baker will talk on RHIC physics. See story on page 1.

*Earth Day Activities

Wed.-Sun., Berkner Hall Lobby, Site Environmental Report poster entries.

4-663-84
Alex Reben

Cancer Distribution in BNLers

Same as in Suffolk, Nassau, Upstate (cont'd.)

data on BNLers into four time periods and nine age groups, depending upon when a diagnosis of cancer was reported. Statistics on males and females, and salaried and hourly workers were analyzed separately. Data were made available on race, job title, length and termination of employment, and reason for termination. These data were not used in the assessment, but were mentioned in the report's discussion section.

Types of cancers were then grouped as "radiosensitive" or "non radiosensitive," depending upon whether or not studies have consistently demonstrated an association with radiation exposure.

According to Schymura, "The most striking result of this study, and one that impacts all other results, is the proportionate deficit of respiratory cancers among BNL employees." This finding, notes the NYSDHCR Director, suggests that the prevalence of smoking is lower among BNLers than within the comparison populations.

Two Findings

The two other significant findings are: a proportionate excess of leukemia, specifically lymphocytic leukemia, in females, and, in males, a proportionate elevation of melanomas.

As Schymura reports, since fewer cancers were noted among BNL women, the results for women were much more variable than for men. For instance, the proportionate excess of leukemias observed among females is based on only eight cases. As the NYSDHCR Director notes, "It is unlikely that this proportionate excess represents

an etiologically significant finding because it was not observed among males, in whom there were more leukemia cases" and, hence, in whom there is a greater likelihood of observing a real excess of cases.

Regardless, she concludes, "Since the proportionate excess of leukemias among females was considerable, this finding may merit further investigation."

Such a review could include: a review of medical records to determine the accuracy of the diagnosis, since the medical coding of this diagnosis has changed over time and since diagnoses made upon death have not been verified; an assessment of whether the excess is due to acute or chronic lymphocytic leukemia, since the former cancer is associated with radiation exposure, while the latter is not; and a review of the medical, work, and radiation-exposure histories of BNL women with leukemia.

Regarding the elevated proportion of melanoma in men, Schymura commented that this is "difficult to interpret since melanomas are not well reported to the Registry," so this would result in an underestimate of expected cases.

Among BNL men, in fact, the proportionate excess of melanoma was greater for salaried employees than for wage earners. The NYSDHCR Director notes previous studies that have found that professionals and scientists tend to have higher risk of melanoma, a risk that has been attributed to differences in occupational and recreational sun exposure.

— Marsha Belford

BNL Worker Assessment Questions & Answers

The answers have been complied from discussions with representatives of the New York State Department of Health Cancer Registry and the U.S. Department of Energy Office of Health Studies.

Q: Do BNL employees have higher, lower, or similar rates of cancer as do their neighbors?

A: Instead of looking at rates, due to data limitations, the assessment by the New York State Department of Health Cancer Registry looked at the distribution of cancers in BNL and comparison populations. The conclusion of the assessment is that the distribution of cancers was in most respects similar to that of three separate comparison populations, i.e., the people living in Suffolk County, residents of Nassau County, and those residing upstate. These comparison groups were chosen because their members have similar environmental exposures and other factors to those of BNL employees.

Q: Should BNL and surrounding communities be alarmed by the assessment's findings?

A: No. This assessment has found that distribution of cancers among Brookhaven workers is similar to distributions in the comparison populations. The fact that certain cancers, such as respiratory cancers, were less common than expected means that other cancers represent a relatively larger proportion of the total cancers observed. It does not necessarily mean that these larger proportions indicate a true excess.

Q: What will the follow-up be?

A: Since the report is still under review at the National Institute of Occupational Safety & Health (NIOSH), which is the only federal agency that can undertake

epidemiological studies of DOE facilities, no decision has been made yet. In developing recommendations to DOE and NIOSH, Laboratory Director John Marburger will consider feedback from employees and other stakeholders.

Q: Why was the assessment done?

A: Beginning in 1996, as a result of media attention to BNL's ongoing environmental restoration, some employees expressed concern about the possibility of increased risk for cancer as a result of working at the Lab or about the possibility of cancer clusters among employees working in certain buildings. Among the ways that the Lab responded to these concerns, BNL and DOE's Brookhaven Area Office asked DOE's Office of Health Studies to look into evaluating employee cancer risk.

Q: Why was an assessment of proportional distribution of cancer done instead of an epidemiological study of cancer risk?

A: Since no one type of cancer, but cancer in general was of concern, the first step was to determine if the frequency of any one or more cancers is greater than expected. Hence, the proportional incidence analysis conducted for this assessment is a valuable tool in determining what should be done next. Risk could not be calculated because the dates on which employees who left the Lab and moved out of state to relocate are not available.

(continued on page 3)

Remember When What was the story on Friday, April 13, 1984?

On the Comeback Trail with Gus Prince

On Friday, April 13, 1984, the Brookhaven Bulletin featured a story on distance runner Gus Prince, a physicist in BNL's then Department of Nuclear Energy. At the time, Prince held the 6th and 4th fastest times in the U.S. in the 55 to 59 year old age bracket in the 5-kilometer (km) and 5-mile race category, respectively. He also held the 17th fastest time in the U.S. for the 10-km and the 6th fastest U.S. time for the 10-mile race.

As Marsha Belford reported, on February 1, 1983, Prince had fallen and was sidelined with a broken left kneecap during his last year of eligibility in his age bracket.

Prince was back to work three weeks later, but it would be several months before he was pounding the pavement. In mid-July, 1983, he began walking along the on-site courses he had previously used for runs. By October, Prince could run several miles without any pain. And on New Year's Day 1984, he logged 11 "real easy" eight-minute miles. At the time the Bulletin story was written, he was back running competitively in the New York City marathon, as he had done seven times prior to his injury.

Still Ahead of the Pack

After spending over 25 years at the Lab, Prince and his wife Willa retired and moved to Palm Coast, Florida. He has kept up his running and also kept up with old friends from BNL.

Frank Marotta, head of BNL's Emergency Services Division, reminisced about running with Prince and others at the Lab in the early 1980s. "When Gus was here, we would all go to the Graphite Reactor and meet in the reactor operators' locker room, where we would get together and go out to run. It was an incredible clique of people. There were days where we would be running with as many as 15 of us in a pack."

Prince now runs with a new pack. As one of the top over-75-year-old runners in the state of Florida in short-to-middle distances, he is active in St. Augustine's Ancient City Road Runners Club. Not only does he run, but he also takes an active part in training young runners in proper technique and form.

Last summer, at the age of 77, Prince competed in the 33rd Annual National Masters Track & Field Championships held in Eugene, Oregon. Over 1,500 individuals, representing all 50 states and 12 foreign countries, raced in age groups from 30 to 85+. Prince competed in the men's 75-79 category, winning the gold medal in the 10-km run with a 55:17 time, and a bronze medal in the 1,500-meter run with a time of 7:05.

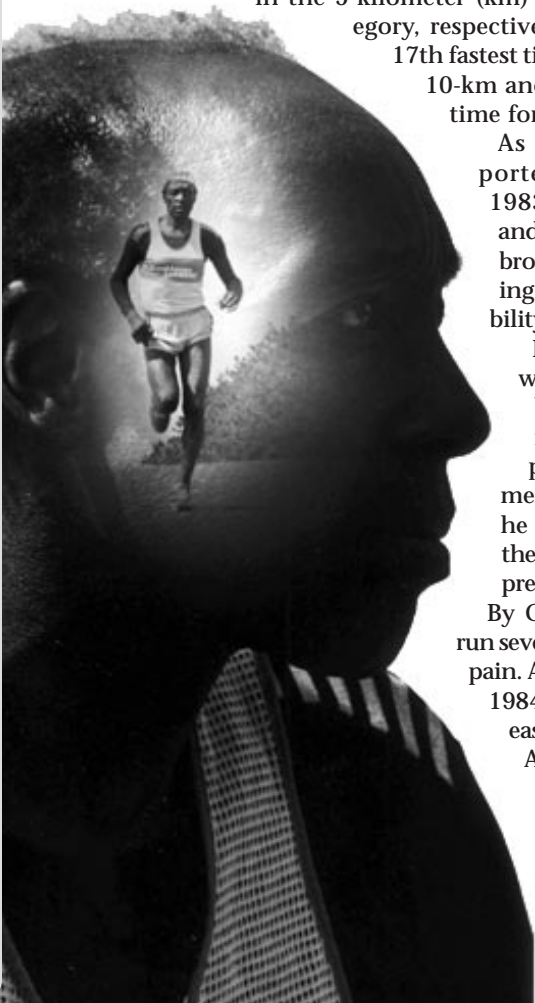
"He is in great shape. His physical condition is just marvelous," said Marotta, who was down to visit Prince earlier this year.

Change of Pace

When Prince isn't out running, he can be found recruiting scientific staff at black and other minority professional conferences. Since October 2000, Prince has been contracted as a consultant for BNL and works to recruit postdoctoral research students and assistant scientists.

"Gus is going out to conferences and acting as an ambassador to the Lab — essentially by telling people about the research that is conducted here at BNL — hoping to attract the attention of minority scientists," says Lorraine Merdon, who heads BNL's Diversity Office.

Prince will be at the Lab to participate in the Earth Day four-mile race (see page 4). For more information on his running endeavors, visit www.ancientcityrr.org/gus.htm. — John Galvin



Assessment Q & A

(cont'd.)

Q: Why did the completion of the assessment and release of the assessment report come nearly three years after it was promised?

A: All involved in the assessment apologize for the delay, which occurred for two primary reasons: First, completing and ensuring the quality of the data on BNL employees took much longer than anticipated. Second, certain reprogramming of the Cancer Registry was necessary, which resulted in delay, but allowed additional years of data to be included in the assessment.

Q: What were the limitations of the data?

A: First, the dates on which workers moved out of state is not known for all who did relocate, so that precluded the calculation of cancer rates. Second, occupational radiation-exposure data were not provided, since, in looking at the distribution of cancer among all employees, the assessment did not differentiate between radiation workers and non-radiation workers. Third, only the Registry's computerized data, for the years 1979 to 1996, were matched against BNL data.

Q: How much did the study cost?

A: The New York State Cancer Registry was paid \$10,000 for its work.


Q: Where can I get a copy of the study?

A: On Thursday, April 12, the study was posted on the BNL Web site at <http://home.bnl.gov/health> and is now publicly available at www.bnl.gov/bnlweb/health.htm.

Q: How and when can I get a copy of the employee data used in this assessment, so I can conduct my own analysis to verify or refute the assessment's findings?

A: The employee data came from BNL's Human Resources Division and is protected under the Privacy Act. Although any individual may request a copy of his or her own record to verify the accuracy of the information, others may not access that information. If future studies are conducted by DOE or NIOSH, then their staff, contractors, and grantees could have access to the data.

— Marsha Belford



Manhattan Trip

The Hospitality Committee invites BNLeers to join the bus trip to Manhattan on Saturday, April 21. The bus will depart from the Lollipop House at 9 a.m. and will return from Manhattan at 6 p.m. Tickets cost \$10 for adults and \$5 for children ages 2-12 and will be available at the Recreation Bldg. on Tuesday, April 17, from 10:30 to 11 a.m. and on Wednesday, April 18, from 10 to 10:30 a.m. For reservations and additional information, contact Monique de la Beij, 399-7656.

U.S. Representative Grucci Visits BNL

(cont'd.)

Grucci said. "I will do everything in my power to help and encourage small businesses."

Following the Congressman's address, attendees participated in a seminar that detailed the acquisition needs of the federal government and BNL, and learned how they could increase small and small disadvantaged business participation in this endeavor.

Afterward, participants met individually with buyers, contract specialists, and technical representatives from BNL and other government contractors, and toured Laboratory facilities.

This is the eighth consecutive year that BNL has hosted the business fair.

"Placing the end-users and technical representatives in one central area is a unique strategy that allows diversified small businesses to provide their expertise to the individuals who actually do the ordering," said Dennis Hall, Procurement & Property Management Division. "No other small business fair accommodates small business groups in this manner."



At the Relativistic Heavy Ion Collider's STAR detector are: (from left) Collider-Accelerator Department Chair Derek Lowenstein; U.S. Representative Felix Grucci Jr.; Bill Christie, Physics Department; and Deirdre Walsh, legislative assistant to Grucci.



Lisa Miller of BNL's National Synchrotron Light Source explains beam-line experiments to U.S. Representative Grucci.

Following his keynote address, Grucci toured several BNL facilities, including RHIC, PET, and the NSLS. He concluded his first visit to BNL since winning the election by speaking with the BNL community at a town meeting sponsored by Friends of Brookhaven and the Brookhaven Organization of Scientists. Grucci reiterated his support for BNL science and took several employee comments and questions on topics ranging from BNL's role in advancing better, cleaner energy sources to scientific education to world security.

— Peter Genzer

LabVIEW Training

The Information Technology Division (ITD) has scheduled LabVIEW Basics I and II training classes, Monday-Friday, May 14-18, from 8:30 a.m. to 4:30 p.m., in the seminar room of Bldg. 515. The training fee for this class is \$2,000 per student. To register for the class, send an ILR for \$2,000 to Pam Mansfield, Bldg. 515, by Friday, April 20.

For more information and class schedules, visit the ITD training pages at www.bnl.gov/itd/training, or contact Mansfield, Ext. 7286 or pam@bnl.gov.

Pick a High School Student

BNL scientists are asked to sponsor Community Summer Science Program (CSSP) students.

CSSP is a six-week summer program that offers talented local high school juniors and seniors lectures on BNL research in the mornings and internships in the afternoons. Student interns participate in research under the direction of BNL staff at no cost to the sponsoring department. The program will run from Monday, June 25, through Friday, August 3.

Student applications will be available for review at the Science Education Center (Bldg. 438) between Monday, April 16, and Friday, May 18.

If you have any questions, contact Louise Hanson, Ext. 5849, or hanson2@bnl.gov.

Money Talks Seminar Series, 4/27

To help plan for a financially sound future, the Human Resources Division sponsors the Money Talks Seminar series.

Recent trends in financial markets may be causing concern about retirement savings. To help BNLeers address these concerns, a representative from TIAA-CREF will present the first seminar, "Retirement Savings During Volatile Markets," on Friday, April 27, at noon in Berkner Hall. The current state of the market and its overall long-term effects on retirement savings will be discussed. Check your mailbox for registration forms. For more information, call Joyce Wund, Ext. 7516.

Future Money Talks Seminars are planned as follows:

Date	Presenter	Topic
6/12	TIAA-CREF	Investment & options at retirement
7/12	American Express	Financial strategies for single parents
9/20	American Express	College funding options
11/15	American Express	Long-term care insurance
12/5	American Express	Pre-retirement & estate planning

Healthline Lectures Flexibility, 4/20

Sponsored by the Health Promotion Program, the second of two noontime Healthline Lecture events is coming up: On Friday, April 20, Susan Williamson, MA, ATC, will present "Part II: Maintaining Flexibility Workshop," in the Brookhaven Center North Room.

A certified athletic trainer and exercise physiologist, Williamson will demonstrate an exercise flexibility program that can easily be done each day. To join in the exercises, participants should wear appropriate clothes.

The workshop, which is free and open to all, will be audio-taped and made available on cassettes in the Library.

Dress For Success Clothing Drive

This year's Dress For Success clothing drive, which is coordinated with the Town of Brookhaven, will be held from Tuesday to Thursday, May 8-10. As in the past, this is a collection of business attire for women re-entering the workforce.

Clothing collected must be in excellent condition, dry cleaned, and on hangers. For more information, contact Nancy Concadoro, the BNL chairperson for this effort, Ext. 2877.

Arrivals & Departures

Arrivals

Laurence S. Maynard Medical
Johan Van Lierop ES&T

Departures

Carl W. Eyler Info. Tech.
Kiesha Washington P&PM

Calendar

(continued)

Thursday, 4/19

*Earth Day Activities

10 a.m.-2 p.m. Berkner Hall parking lot, Alternative Fuel Vehicle Displays.

noon-2 p.m., Berkner Hall Lobby Office Swap.

3:30 p.m., Berkner Hall, Environmental Awards employees and Site Environmental Report art contest winners.

4 p.m., Berkner Hall, Earth Day speaker Richard Wolfson presents "Energy & Environment: Sustainable Future or Global Demise?"

For complete Earth Day information, see www.bnl.gov/eday.htm.

Friday, 4/20

*Healthline Workshop

noon-1 p.m., Berkner Hall Susan Williamson will present "Maintaining Flexibility Workshop." Mary Wood, Ext. 5923.

Saturday, 4/21

*Bus Trip to Manhattan

\$10 - Adults
\$5 - Children ages 2-12
9 a.m.-6 p.m.
See notice on page 3.

Atlantic City Bus Trip

\$25 per person. Bus to Resorts Hotel/Casino. 8 a.m.-10:30 p.m. Tickets at the BERA Sales Office. Andrea Dehler, Ext. 3347, or M. Kay Dellimore, Ext. 2873.

Sunday, 4/22

*Earth Day Activities

10 a.m., 4-mile race
11 a.m., 1/2-mile Fun Run
Peter Pohlott, Ext. 5660.

8 a.m.-noon, Berkner Hall Lobby, Environmental Displays
Demonstrations by BNL researchers

For complete Earth Day information, see www.bnl.gov/eday.htm.

—WEEK OF 4/23—

Monday, 4/23

IBEW Meeting

6 p.m., Knights of Columbus Hall, Railroad Ave., Patchogue
A meeting for shift workers will be held at 3 p.m. in the union office. The agenda includes regular business, committee reports, and the president's report.

Wednesday, 4/25

Voicestream Wireless Demo

10 a.m.-2:30 p.m., Berkner Hall
Special rates on Voicestream/Omnipoint's GSM network will be offered to BNLeers; Richard Goll, (516) 343-5900.

Thursday, 4/26

*Take Our Daughters to Work Day

See notice on page 4.

Note: This calendar is updated continuously and will appear in the Bulletin whenever space permits. Submissions must be received by the preceding Friday at noon to appear in the following week's Bulletin. Please enter the information for each event in the order listed above (date, event name, description, and cost) and send it to bulletin@bnl.gov. Write "Bulletin Calendar" in the subject line.

earth day 2001

BNL Activities

Thursday, April 19

- **Office Swap**
10 a.m. - 2 p.m., Berkner Hall
- **Alternative Fuel Vehicle Displays**
10 a.m. - 2 p.m.
Berkner Parking Lot
- **Environmental Awards for Employees & Site Environmental Report Art Contest**
3:30 p.m., Berkner Hall
- **Earth Day Talk**
"Energy & Environment: Sustainable Future or Global Demise?" presented by Richard Wolfson, Professor of Physics & Environmental Studies at Middlebury College
4 p.m., Berkner Hall

Sunday, April 22

- **Environmental Displays**
8 a.m. - noon
Berkner Hall Lobby
- **Demonstrations by BNL Researchers**
- **1/2 Mile Fun Run for Kids Under 12**
11 a.m., Berkner Hall
- **4 Mile Run**
 - Check-in: 7:30 - 9:30 a.m.
 - Start time: 10 a.m.
 - A scenic USATF certified course
 - Entry fee: \$18 (\$15 with food donation)
 - This is a LITF Grand Prix series event
 - Awards to the top three M/F and Masters M/F of merchandise certifies to top Long Island running stores
 - BNL Corporate Cup challenge

For more information, contact Peter Pohlot, Race Director, Ext. 5660.

To learn more about BNL's Earth Day activities, visit www.bnl.gov.

Recycling Quiz

What do you know about recycling and BNL's recycling efforts?

Try the five-minute Web-based quiz, available with Internet Explorer Monday-Friday, 4/16-20 through the link on www.bnl.gov. Scores will not be recorded, but if you complete the quiz and enter your life number, you may win a prize.

BROOKHAVEN
NATIONAL LABORATORY

'Take Our Daughters to Work' Day, 4/26

On Thursday, April 26, BNLees are again invited to bring their daughters age 9 to 15 to the Lab. The girls may discover what their parents do for a living and consider if a career in science is in their future, while participating in the on-site activities planned for the day. Created by the Ms. Foundation for Women in 1993, Take Our Daughters to Work Day is held on the fourth Thursday in April, a day dedicated to helping girls focus on their future as the next generation of women in the working world.

To register girls for the day, complete and return the coupon

at the bottom of a flyer sent to all employees to Susan Foster, Human Resources Division, Bldg. 185. Participation is limited to 200 girls, so register your daughter early. A waiting list will be established; if a registered girl is unable to attend, then notify Foster, Ext. 2888, so another girl may go in her place. Parents who work in areas which minors may not visit and who are unable to arrange for "host parents" for their daughters should indicate on the coupon that a host is needed.

For more information, contact Foster, Ext. 2888.

Retirement Counseling

A TIAA-CREF representative will visit BNL on Wednesday and Thursday, May 9-10, to answer employees' questions regarding the TIAA-CREF retirement plan in one-on-one sessions. You might ask about:

- TIAA and CREF differences
- allocating funds between TIAA and CREF
- options, flexibilities for existing dollars with TIAA-CREF
- retirement options

To arrange a 45-minute appointment call Duane Walden, (800) 842-2733, Ext. 7289 (*not* the on-site Ext. 7289).



Tickets Available

Four tickets for each game of the Long Island Ducks 2001 baseball season are available for \$10 each in the BERA Sales Office. Tickets are non-refundable, and will only be sold in pairs. The seats are located in the second level, row J, seats 7-10.

Classified Advertisements

Placement Notices

The Lab's placement policy is to select the best-qualified candidate for an available position. Candidates are considered in the following order: (1) present employees within the department/division and/or appropriate bargaining unit, with preference for those within the immediate work group; (2) present employees within the Laboratory; and (3) 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. 2882; call the JOBLINE, Ext. 7744 (344-7744), for a 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 World Wide Web at www.bnl.gov/JOBS/jobs.html.

LAB RECRUITMENT - Opportunities for Laboratory employees

DD2006. SR. SECRETARY (CW-3) - Will provide clerical and administrative support to the Project/Program Coordinator. Experience with MSWord, PowerPoint, Excel,

and Outlook as well as the ability to arrange and process travel is required. Familiarity with MS Project is highly desirable. Will generate, edit and distribute documents and correspondence, coordinate meetings and prepare meeting minutes. Additional responsibilities will include setting up and maintaining file systems, answering telephones, and ordering materials, equipment, and supplies. Demonstrated ability to work independently and a thorough knowledge of Laboratory policies and procedures are required. Office of Management Services.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

MK8959. CHAIR, CHEMISTRY DEPARTMENT (M-4) - The successful candidate should have a Ph.D. in chemistry or a related field with extensive and active scientific accomplishments and a record of scientific leadership. Responsibilities include the overall administration, direction and management of the Chemistry Department staff and programs. Specifically, the Chair will provide leadership and will be engaged in program planning and development, in interacting with the DOE and other funding agencies and in assuring implementation of the Laboratory's environment, safety and health policies. The Department's 75 staff members conduct research in materials chemistry, photo- and radiation-induced reactions, catalysis, gas-phase molecular dynamics, heavy-ion chemistry, radiotracer chemistry, PET and MR neuroimaging, and is participating in the national nanoscience initiative. Applications and nominations should be sent to Dr. Richard Osgood, Associate Laboratory Director for Basic Energy Sciences, Brookhaven National Laboratory, Building 460, P.O. Box 5000, Upton, N.Y. 11973-5000.

NS8052. CHIEF CYBER SECURITY OFFICER (CCSO) (M-3) - Requires a bachelor's degree, MS preferred, substantial experience in computer security, and excellent oral and written communication skills. Must be able to obtain and maintain a security clearance. This position reports directly to the Chief Information Officer and on a dotted line to the Cyber Security Advisory Council. The CCSO is the senior staff member at the Laboratory responsible for setting the strategic plan for unclassified security and for ensuring its implementation and is the key interface to the Department of Energy, other government and law enforcement agencies, and vendors and consultants on all issues related to cyber security. Responsibilities will include developing, implementing, monitoring and controlling BNL's strategic cyber security plan, directing the Security Operations and Incident Response Team, and performing investigations, establishing forensics and supporting security policy enforcement. In addition, will apprise BNL senior management of threats and vulnerabilities and develop and implement security training and education programs. Information Technology Division.

MRI Volunteers

Healthy, English-speaking males and females between 18 and 50 years of age who do not use illicit drugs are needed to volunteer for MRI studies. All participants will be compensated for their time. For more information, contact Megan Gaiefsky, Ext. 5953, or Trish Spoto, Ext. 2773.