

Battelle President and CEO Carl Kohrt Addresses BNL



Carl Kohrt

founder, whose interest was in developing technology to increase productivity in American industry, and using profits to advance knowledge and learning and provide better education for the workforce.

Battelle's present vision encompasses these elements, Kohrt explained. As a result, the four hallmarks of Battelle are: the pursuit of knowledge, the translation of knowledge to useful purposes, the commercial realization of innovation — "Profit is an okay thing," Kohrt emphasized, and is essential to Battelle's continuing to fulfill its charitable and educational distribution purposes.

These hallmarks are seen in each of Battelle's three business lines: Battelle Laboratory Operations, which operates major research labs, a lower financial risk, high scientific content category; Battelle Science & Technology International, which supplies technology application solutions to government and industry and involves a higher risk; and Battelle's Commercial Alliances & Battelle Ventures, a high risk, but high return category.

In accordance with the company's founding purpose, Kohrt explained, net business profits are divided in three: most are reinvested in science and technology, the rest used for education and community benefit. Of the 20 percent allocated to the community, 62 percent must be used in central Ohio, in accordance with Battelle's charitable trust status. The rest is divided among education, health and human services, arts and culture, and civic and community causes in the communities in which Battelle has ongoing operations.

The result of this policy at BNL, for example, has been the support given by Battelle, often with Stony Brook University (SBU) via BSA, to such causes as the Goldhaber Fellowships to attract outstanding postdocs to BNL, BNL involvement with environmental and nonproliferation programs in the former Soviet Union, scholarships to female science students through the Brookhaven Women in Science, the Science Bowl contest for

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On February 17, Battelle's President and CEO Carl Kohrt, who is also the current BSA Board Chair, addressed a large audience in Berkner Hall and via Lab-wide video on "Battelle's Vision and Its Relevance to BNL."

Lab Director Praveen Chaudhari welcomed Kohrt, "a scientist at heart," who, with a Ph.D. in physical chemistry from the University of Chicago and postdoc fellowships from the National Science Foundation and the Woodrow Wilson and Sloan programs, had completed a distinguished 29-year career at Kodak before moving to Battelle in 2001. While at Kodak, Kohrt

served as Executive Vice President and Chief Technical Officer and oversaw Kodak's research work worldwide. Chaudhari highlighted an impressive "bold move" recently initiated by Kohrt: Battelle Ventures, an investment fund "which has great potential for BNL and for Battelle," Chaudhari said.

In his talk, Kohrt gave insights into Battelle and what directs the company, discussed how Battelle's philosophy affects BNL, then took questions stimulated by his remarks.

Kohrt first outlined Battelle's history and mission as a charitable trust established in 1929 in Ohio, based on the will of the

Bulletin Interview With Carl Kohrt

In a short interview with the Bulletin on February 18, Battelle's Carl Kohrt was pleased, he said, that questions stimulated by his talk the day before had showed interest in the Lab's relationship with Battelle and SBU as the BSA contractor. The Bulletin asked a few more questions.

Q. In your talk, you explained that Battelle gives 20 percent of net profit to charity. Would you comment further on the Battelle and BSA funding of educational and charitable causes, which helps establish BNL as a desirable neighbor.

A. Sometimes the uniqueness of Battelle in being mandated to contribute so much to the community is underappreciated. Battelle is profit-oriented, but the more profit we have, the more we share — it's a "virtuous circle."

Q. One of Battelle's future investment possibilities mentioned in your talk was medical science. Would this include the plans to expand the Lab's work on isotope development for medical research, which has been a BNL strength for many years?

A. Regarding medical isotopes in particular, I can't say. My comments were on life sciences in general, including medical and biological research. If isotopes play a role, and we think that there's something that we can contribute or where we can generate additional value, then we could seriously consider that. It's not specifically in our plans.

Q. Everyone agrees that basic research is vital, but it is still so hard to get funded. Is it possible for Battelle to do more to help?

A. Basic science, especially big science, needs funding sources that Battelle cannot provide. We can help utilize it and in the course of that, show its relevance and importance. In an institution, it's so easy to focus on past success — and the world may change and go past you. You have to say, 'That was wonderful, but now, we can go in this direction.' The trick is to anticipate that change soon enough so that individuals, institutions, and sources are all aligned. That's where the leadership of a lab comes in. I have confidence that Praveen Chaudhari has the intuition that's needed to do that.

— Liz Seubert

NSLS-II Workshop, 3/15

A workshop on National Synchrotron Light Source-II (NSLS-II) will be held on Monday, March 15, in Berkner Hall.

NSLS-II is a proposed new, advanced, third-generation, medium-energy electron storage ring designed to deliver world-leading brightness and flux, and will produce x-rays 10,000 times brighter than the current NSLS.

All members of the scientific community who wish to provide input and feedback on the design and direction of NSLS-II, its beam lines, and instrumentation are encouraged to attend the workshop. This includes BNL employees, participants from universities, other research institutions, and commercial, governmental, and industrial organizations.

The program will feature an overview of NSLS-II; perspectives from DOE, New York State, and BNL representatives; a keynote address by Congressman Sherwood Boehlert, Chairman, House Science Committee; a plenary lecture by Rockefeller University Professor Roderick MacKinnon describing his 2003 Nobel Prize-winning work in structural biology, and a plenary lecture describing future scientific opportunities in nanoscience enabled by NSLS-II.

Breakout sessions featuring presentations on science and instrumentation as well as open discussion will also be held to provide participants an opportunity for input and feedback on NSLS-II design features, beam-line characteristics, and instrumentation concepts. An evening poster session and dinner will conclude the workshop.

To obtain more information or register for the workshop, go to the workshop home page at <http://www.nsls2.bnl.gov/newsroom/workshops/2003/NSLS-II/Default.htm>, call Ext. 2297, or e-mail nslsinfo@bnl.gov.

\$30 Million Expected For Life Sciences Funding Will Support Six NSLS Beam Lines

The Biology Department recently announced that it expects to receive more than \$30 million over the next five years to support structural biological research, including studies of disease and genomics.

The funding, administered by the Office of Biological & Environmental Research (BER) within DOE's Office of Science and by the National Center for Research Resources within the National Institutes of Health, will support a group of six beam lines at the National Synchrotron Light Source (NSLS).

Ari Patrinos, BER Associate Director of Science, welcomed the renewal of funding for the beam lines. "The Brookhaven scientists are addressing two major objectives of the Lab's structural biology program: developing state-of-the-art technologies for solving the most difficult molecular structure problems, and providing access to this major facility, which is used by more than 2,500 scientists each year," he stated.

"The large size of the grant is a tribute to the strong infrastructure within the NSLS and BNL," said Biology's Robert Sweet, the spokesperson for the research group that maintains the structural biology beam lines. "It also reflects how valuable we are to a large number of powerful Northeastern U.S. research groups that use our facility."

For example, researcher Roderick MacKinnon of The Rockefeller University recently received the Nobel Prize in Chemistry for his research, performed in part at the NSLS, on how nerve signals are propagated through the body.

"We're very proud of our ability to identify and support

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Above are the staff* of the Protein Crystallography Research Resource (PXRR), the Biology Department and National Synchrotron Light Source (NSLS) Department scientists, engineers, machinists, and technicians who operate six NSLS beam lines for macromolecular crystallography. (*Three added to photo by request.)

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 Chris Carter, 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. Hall) 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 —

Mondays: BNL Gospel Choir
5:15-7 p.m. Berkner Hall. All faiths are welcome. www.bnl.gov/bera/activities/choir/.

Weekdays: Free English for Speakers of Other Languages Classes

Beginner, Intermediate, and Advanced classes. Various times. All are welcome. Learn English, make friends. See www.bnl.gov/esol/schedule.html for schedule. Jen Lynch, Ext. 4894.

Mon., Tues., & Thurs.: Kickboxing
\$5 per class. Mon. & Thurs. noon-1 p.m. in the gym; Tues., 5:15-6:15 p.m. in the gym; Thurs., 5:15-6:15 p.m. in Brookhaven Ctr. Registration is required. Christine Carter, Ext. 2873.

Monday & Friday: Jazzercise
Noon-1 p.m., Rec. Hall. Pre-registration is required. Christine Carter, Ext. 5090.

Mon., Thurs., & Fri.: Tai Chi
Noon- 12:45 p.m., Brookhaven Center North Room. Adam Rusek, Ext. 5830 or rusek@bnl.gov.

Tuesdays: Welcome Coffee
10-11:30 a.m. Rec. Hall. Hospitality event. Come and meet friends. The first Tuesday of every month is special for Lab newcomers and leaving guests. Hospitality Chair Monique de la Beij, 399-7656.

Tuesdays: BNL Music Club
Noon, North Room, Brookhaven Center. Come hear live music. Joe Vignola, Ext. 3846.

Tuesdays: Jiu Jitsu Club
6:30-7:30 p.m. in the gym. All levels, ages 6 and above. \$10 per class. Tom, Ext. 4556.

Tuesdays: Toastmasters
1st and 3rd Tuesday of each month , 5:30 p.m., Bldg. 463, room 160. Guests, visitors always welcome. www.bnl.gov/bera/activities/toastmstrs/default.htm.

Tuesdays & Thursdays: Aerobics
5:15-6:30 p.m., \$4 per class. Rec. Hall. Pat Flood, Ext 7886.

Tuesdays & Thursdays: Aqua Aerobics
5:15-6:15 p.m. Eight-week session. \$20 to attend once a week; \$40 to attend twice a week. Ext 2873 for more information.

Tues. & Thurs: Upton Nursery School
9-11:30 a.m. in the Rec. Hall. For 3 & 4 year olds. Alison Tilp, Ext. 4465, or tilp@bnl.gov.

Wednesdays: On-Site Play Group
10 a.m.-noon. Rec. Hall. An infant/toddler drop-in event. Parents meet while children play. Cindy Otteman, 821-4482.

Wednesdays: Weight Watchers
Noon-1 p.m. Michael Thorn, Ext. 8612.

Wednesdays: Yoga Practice
Noon-1 p.m., Brookhaven Center. Free. Ila Campbell, Ext. 2206.

Wednesdays: Open Chess Night
5-8 p.m., Rec. Hall. Christine Carter, Ext. 5090.

Wednesdays: Dance Lessons
6-8 p.m., North Ballroom, Brookhaven Ctr. John Millener, Ext. 3853.

Fridays: Family Swim Night
5-8 p.m. at the BNL Pool. \$5 per family.

Fridays: BNL Social & Cultural Club
6-9 p.m. North Ballroom, Brookhaven Ctr., dance lessons, 9-11:30 p.m. general dancing. Rudy Alforque, Ext. 4733, rudy@bnl.gov.

February is Black History Month

Black History Month poster exhibit in Berkner Hall.

— WEEK OF 3/1 —

Tuesday, March 2

Caring Friends Meet

Noon, Berkner Hall, Room D. All are welcome to join an informal support group serving as a resource for individuals experiencing grief following the loss of a loved one. For more information, call Pat Hein, Ext. 3962, or Gerry Van Derlaske, Ext. 3476.

Thursday, 3/4

Vegetarian Cooking Talk

Noon, Berkner Hall, Room B. \$10/person. Sold out.

BERA Bridge Club

7 p.m., Brookhaven Center, South Room. Morris Strongson, Ext. 4192, mms@bnl.gov.

— WEEK OF 3/8 —

Wednesday, 3/10

Rifle & Pistol Club Meeting

Noon, Conference Room, Bldg. 535. All are welcome to attend. Jim Durman, Ext. 8236, or www.bnl.gov/bera/activities/rpc/.

Battelle’s Carl Kohrt Addresses BNL (cont’d.)



high-school students at BNL’s Office of Educational Programs, Long Island community organizations, and the first application of outside financing to renew on-site housing.

Kohrt explained that within Battelle’s science and technology activities, themes of particular interest are: homeland security, including national defense, especially biochemistry and radiation detectors; health and life sciences; transportation; and energy and environment. Battelle hopes to bid on managing the Idaho National Laboratory, Kohrt said, which, with existing facilities, would give Battelle “insight into the largest portfolio in energy research and development, especially nuclear energy, in the U.S. and perhaps the world.” Another important theme is advanced materials, in which BNL’s Center for Functional Nanomaterials “will be a huge asset to this Lab and elsewhere,” Kohrt said.

“To answer an often asked question, ‘Why is Battelle interested in managing national laboratories, either alone or with a partner?’ — We are interested in having access to people and knowledge that we can apply to solving problems of societal and commercial importance,” said Kohrt. “It helps Battelle fulfill its founding purpose while generating resources for reinvestment.

“Can you have too many labs and dilute your effect?” he continued. “This is a concern that we are sensitive to,” he said.

Among the labs that Battelle manages or co-manages, BNL is a world leader in the discovery of the fundamentals of matter, Kohrt said. While this leadership is an important contribution, he encouraged scientists to do basic research in areas where discoveries

could later be applied to meet unmet needs, as being easier to fund. In partnership with SBU in BSA, Kohrt said, “We want BNL to remain a growing, world-class Lab, simultaneously excellent in science and technology, which includes safety; excellent in facilities and operations, thus lowering overheads and getting more dollars for science; and excellent in community relationships.”

After recapping achievements of the past five years, Kohrt explained that Battelle is investing in areas relevant to BNL, such as non-carbon-based energy technologies, biotechnology and medical science, nanophase materials, and chem-bio-rad detection for homeland security.

“What does that get for BNL?” asked Kohrt. “Hopefully, new money. We’re willing to invest in BNL, either in the work of single scientists or of a group.”

Opportunities could include new Battelle investment in BNL’s bio-medical capabilities, participation in major programs with new customers, and collaborations with other labs — “We think there are some things that four labs can do better than one,” said Kohrt. “We are still learning in this area,” he admitted. “There’s been good intent, some good execution — more to come.”

Kohrt then discussed Battelle Ventures, the new “bold move” alluded to by BNL Director Chaudhari. In addition to Battelle’s mission in BSA, Kohrt said, he has created Battelle Ventures as a \$150-million venture fund to help get lab-based discoveries and other promising innovations into the marketplace and generate returns for reinvestment in Battelle purposes. In participating, BNL will stand to gain expert advice on the market potential of their project, investment in the project, and possible income for reinvestment at the Lab.

BSA is also working to expand private funding of technology commercialization at BNL, Kohrt said, which will also, in the future, provide income from financial returns if the technology is successful, and, at the same time, advance DOE’s mission of promoting new technology.

With this overview of new funding opportunities and the promise of expanding support through a broader range of sponsors, Kohrt concluded his remarks and opened the floor for questions. — Liz Seubert

\$30 Million Expected For Life Sciences

Nobel-quality projects like MacKinnon’s work,” said Sweet. “These funds will allow other important projects to move forward.”

A research group from Yale University has used NSLS light to study the structure of ribosomes — cellular “machines” that assemble the proteins cells need to function. Also, scientists from Harvard University determined the structure of a type of tiny opening on the surface of cells that allows proteins to pass in and out of the cell. Their results may provide valuable insight into several basic cellular activities. The grants will also further the work

of scientists from local Long Island institutions, such as Stony Brook University and Cold Spring Harbor Laboratory.

This type of research is part of a field of biology called macromolecular crystallography, which uses x-rays to determine the structures of various proteins and nucleic acids, the molecular engines that control the functions of all living cells. Because abnormalities and malfunctions in macromolecules, especially proteins, are often the root of many diseases, learning about these molecules’ structures is an important step toward developing drug treatments.

Carl Kohrt Takes Questions

Q. Can you comment on Battelle’s ability and intent to help the labs that they manage or co-manage to collaborate and compete appropriately, and also, what is the role of DOE in this process?

A. Kohrt: We are learning how to do this, but there can be penalties if you are not aware when you should collaborate and when you should compete, when there is a finite dollar amount and only one winner.

Bill Madia, Battelle’s Executive Vice President for Laboratory Operations, who also attended the meeting: Finally, it is the Lab Director who decides when to collaborate, but the core belief is that a collaboration is stronger both politically and scientifically. Half a pie is better than none.

Kohrt: Sometimes, in a group project, a facility has to be in one place, but if the other collaborators have access and work to overcome difficulties, they will be able to extend their knowledge. With regard to DOE’s role, Battelle has found that in some complex situations, by providing a proposal made by all the Lab directors, a dialogue can be established.

Q. What can improve the incentive for national lab inventors when the rewards for innovations are reaped by Battelle as the investor?

A. Kohrt: This is not an easy issue. Previous incentives we have tried have had disadvantages. My bias is that you as an idea generator expect some financial return, and something immediate, maybe dollars, or postdocs, or equipment — some way to help your research. We are looking for input on this — e-mail me.

Madia: If you do this [commercialize your invention], by law, Battelle or BSA takes 100 percent of the [investment] risk, and if the venture is successful, the Lab gets 51 percent of the profits, from which the individual inventor will get some previously agreed part.

Q. Most BNL research is curiosity-driven. Will Battelle change the mix?

A. Kohrt: To have research that is curiosity-driven is very important. But sometimes, curiosity is piqued by an unmet need. In my own case, as an industrial scientist, I liked to do good science that met a need defined by the marketplace, which does not diminish the challenge of the science. There are unmet needs that can only be solved by basic research, and working on these can be just as interesting. But we have no plans to change BNL.

Q. Weapons and applied science labs have considerably more funding than basic research labs can have and therefore they have more discretionary funds available for staff and research. What can BSA do about this?

A. Kohrt: We, as BSA, are trying to help BNL in several ways. One, to help continue improvement in operations, saving dollars that can be used elsewhere. It’s hard, but at a science lab, if certain things and people are more important, hard decisions must be made. Two, the Board has accepted a modified version of a proposal by Praveen to reinvest part of our fee at the Lab, especially in new scientists and facilities. Three, through success in the Battelle Ventures program, the Lab stands to gain future income.

— Liz Seubert

Attention Medicare-Eligible Retirees:

Effective March 1, 2004, HIP VIP HMO medical plan benefits are as follows:

- \$0 copay for primary care physician office visits (previously \$10)
- \$10 copay for specialist office visits (previously \$15)
- \$20 copay for outpatient mental health/substance abuse office visits (previously \$25)
- \$0 copay for inpatient hospital services (previously \$50)

These benefit changes are the result of recent changes in the amount the federal government pays Medicare HMOs.

Current HIP VIP members will be receiving a new identification card from HIP shortly.

To join the HIP VIP HMO or for more information on the program, contact the Benefits Office at 344-2877 or 344-5126.

Thanks, Blood Donors

Generous donors gave 165 pints of blood at BNL’s February 13 Blood Drive. Thank you.

(cont’d.)

The funds will cover the expenses of improving and maintaining beam lines X8C, X12B, X12C, X25, X26C, and X29. This work is carried out by Sweet’s research group — a team of nine scientists and 14 engineers and technicians. Also covered will be the costs of training and assisting researchers in performing their measurements.

One of the beam lines supported by the grants, X29, is brand-new, and will produce the brightest x-ray light at the NSLS. Another, X25, the beam line where MacKinnon performed his research, will be upgraded to produce even brighter light. Lonny

Berman of the NSLS Department will manage the upgrade.

In addition, Sweet’s group will use the funds to develop techniques that allow experimenters to work more quickly and efficiently. They have already pioneered a sophisticated service managed by Biology’s Howard Robinson, which allows crystal samples to be sent to NSLS researchers through the mail. In another project, managed by Biology’s Dieter Schneider, they are building a robot that will automatically change the specimens that are studied during NSLS experiments.

— Laura Mgrdichian

CUNY Students, Faculty Tour BNL

Visitors learn about research, meet scientists through Louis Stokes Alliance for Minority Participation



Thirty-one students and faculty from City of New York (CUNY) colleges recently toured BNL, discovering not only the wide-open spaces of the Upton campus, but, more important, the large variety of research performed at the Laboratory. The students are part of a program called the NYC Louis Stokes Alliance for Minority Participation in Science, Mathematics, Engineering and Technology (LSAMP). The alliance aims at substantially increasing the number of underrepresented minority students who pursue and graduate with bachelor's degrees in science, technology, engineering and mathematics. Office of Educational Programs' (OEP) Noel Blackburn (second row, far right), initiated and planned the tour with NYC LSAMP Project Administrator Claude Brathwaite (second row, third from

right). The group visited the National Synchrotron Light Source, the Tandem Van de Graaff Accelerator, the Laser Electron Facility, and the Medical Animal Research Facility. Afterwards, at a luncheon attended by the CUNY students and faculty and BNLeers involved in the program, Peter Paul (center, front row), Deputy Director for Science and Technology, spoke on "Past, Present & Future at BNL;" Derek Lowenstein (second row, center), Chair of Collider-Accelerator (C-A) Department, discussed "Opportunities at C-A;" Ken White (first row, far left), Interim Manager, OEP, spoke about "DOE/BNL College Students' Programs;" and Marge Lynch (center, front row), Associate Laboratory Director for Community, Education, Government & Public Affairs, gave closing remarks. — Diane Greenberg

Pick a Summer Student

Summer students are still available with Office of Educational Programs (OEP) funding in the Community College Institute (CCI) and Pre-Service Teacher (PST) programs. Students may also be selected from the Science Undergraduate Laboratory Internship (SULI) program, if the hosting department funds the stipend, housing and travel. The selection of students eligible for supplemental funding from the National Science Foundation may reduce the financial obligation of the hosting department. For more information, contact OEP, Ext. 4503, 2890, or 5963.

Women's History Month Talk, 3/10

March is Women's History Month, and to help celebrate this year's theme, "Women Inspiring Hope & Possibility," join Vivian Vilorio-Fisher, Suffolk County 5th District Legislator, on Wednesday, March 10, at noon in Berkner Hall for a presentation sponsored by the Women's Program Advisory Committee of the BNL Diversity Office. For more information on Vilorio-Fisher's talk, see next week's Bulletin, or contact Susan Monteleone, Ext. 7235, or susanm@bnl.gov.

Stay Healthy With Nutrition Month Events

The Human Resources/Occupational Medicine Division's Health Promotion Program Present "Nutrition Month: A Celebration of Healthy and Informed Choices" during March. The following presentations will be offered to BNLeers:

The Weight Debate: How to Take It Off and Keep It Off

Thursday, March 11, Noon, Berkner Hall

Amy Shapiro, R.D., C.D.N, President, NutriSense, Inc., will talk about the pros and cons of some popular diet plans and how to achieve dieting goals. This talk is free but pre-registration is requested. Check your mailbox for registration forms.

Exercise and Nutrition: Shattering the Myths

Thursday, March 18, Noon, Berkner Hall

Talk by Jennifer Gatz, Exercise Physiologist, sponsored by CIGNA, this talk is free but pre-registration is requested.

'Learn to Be Tobacco Free' Smoking Cessation Program at BNL

The Occupational Medicine Clinic's Health Promotion Program is sponsoring an on-site smoking cessation program entitled "Learn to Be Tobacco Free," which is presented by the Suffolk County Department of Health Services and demonstrates a success rate of over 60 percent. The program is conducted under the direction of a certified nurse practitioner. In addition to learning about what happens to your body and what to expect during the first few days and weeks after quitting, prescription medication as well as nicotine replacement products will be available to medically eligible participants. The program will run for six consecutive weekly sessions from noon to 1 p.m. in the large conference room in Bldg. 490 beginning on Tuesday, March 23. BNLeers, their spouses, and family members are welcome to register. To register, or for more information, contact Michael Thorn, Ext. 8612, or mthorn@bnl.gov.

Get to Know Your Lab!

Visit the Radiation Calibration Facility Today: And Find Out How 'Dose' Your Meter Rate!

Today, Friday, February 27, all are invited to visit the Radiation Calibration Facility, where the Radiological Control Division's (RCD) Instrumentation & Calibration Group provide calibration, maintenance, and repair for over 1,400 monitoring instruments used at BNL. Meet at noon in the upper lobby of Berkner Hall. Elaine Lowenstein of Community Involvement will take the group to Bldg. 348 where Paul Zahra of RCD will explain the work done at the facility. The group will return to Berkner by 1 p.m.

Summer Camp Expo, 3/18

On Thursday, March 18, a Summer Camp Expo will be held in Berkner Hall, 11 a.m.-1:30 p.m. Local Long Island summer camps will be available to talk about their summer opportunities and provide facility and registration information to BNL employees & guests. For more information, contact Susan Foster, Ext. 2888.

Daffodil Days

BERA will again be selling daffodils to benefit the American Cancer Society. A bunch of ten fresh cut flowers is \$7. Pick up your spring bouquet during the week of March 22. Paid reservations are being taken at the BERA Sales Office, Bldg. 488, Monday-Friday, 9 a.m.-3 p.m.

BERA Trips in Store

At the BERA Store, tickets for several shows, and discounted tickets for Great Adventure are available now. Visit weekdays, 9 a.m.-3 p.m.
3/19, 7:30 p.m., Berkner Hall, The Mentalist, show by Gerry McCambridge. \$10, (see calendar).
3/20, 8 p.m. Blues Concert, Berkner Hall, \$10 in advance, \$15 day of show (see page 4).
5/16, Lion King, 3 p.m. Broadway, \$78.
6/13, Pocono 500 Raceway, \$110.
7/10, The Producers, 2 p.m., Broadway, \$110.
7/11, Lion King, 3 p.m. \$85.

Need Presentation or Paper Practice? Volunteers Wanted for Informal Writing Center

The English for Speakers of Other Languages group has identified a need for an informal Writing Center so that scientists can drop in and show their papers or presentations to volunteers who can offer general suggestions. This would not be a proofreading/editing service, but rather an opportunity for scientists, especially non-native English speakers, to gain feedback on their overall grammar, style, and usage of the English language. An editing service for all scientific and technical papers intended for publication is already in existence through the Information Services Division. A meeting is planned on March 11 at noon in Berkner Hall, Room B, to discuss this initiative. Those interested in volunteering or participating in this kind of service are welcome. Call Jennifer Lynch, Ext. 4894 for more information.



Calendar (continued)

*Women's History Month Talk

Noon, Berkner Hall. Vivian Vilorio-Fisher, Suffolk County 5th District Legislator, will give a talk sponsored by the Women's Program Advisory Committee of the BNL Diversity Office. Susan Monteleone, Ext. 7235, or susanm@bnl.gov.

— WEEK OF 3/15 —

Wednesday, 3/17

392nd Brookhaven Lecture

4 p.m., Berkner Hall. Helene Benveniste, BNL Associate Laboratory Director for Life Sciences, will talk on, "Experimental Multi-modality Imaging: What Imaging Can Tell Us About Diseases."

Thursday, 3/18

*Summer Camp Expo

11:30 a.m.-1:30 p.m., Berkner Hall. Local Long Island summer camps will display information on summer camp opportunities, Susan Foster, Ext. 2888.

BERA Bridge Club

7 p.m., Brookhaven Center, South Room. Morris Strongson, Ext. 4192, mms@bnl.gov.

Friday, 3/19

*The Mentalist

7:30 p.m. Berkner Hall. Gerry McCambridge will demonstrate his uncanny ability to read people's actions and determine their innermost thoughts. Buy tickets at \$10 at the BERA Store. Doors open at 6:30 p.m. Cash bar, limited snacks. Christine Carter, Ext. 5090.

Saturday, 3/20

*Blues Concert

8 p.m., Berkner Hall. Joe Vicino & the Smokedaddys and the Dare Ya Blues Band. All welcome, tickets \$10 in advance at BERA Store. See notice, page 4.

WEEK OF 3/22

Saturday, 3/27

Darbari, Indian Dinner Concert

5:45 -10:30 p.m. Berkner Hall. After dinner, acclaimed Indian musicians perform the court music of India on the sarangi, sitar, Bansuri flute, and tabla. Admission (includes dinner): adults, \$30; students, post-docs, seniors (65+), \$20, children 5-12, \$10. Achyt Topé, Ext. 5672. For information on Darbari, see next week's Bulletin and www.sas.upenn.edu/~aminerdarbari.html.

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. 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.

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Right in Bldg. 355 at 50 Brookhaven Avenue on site, Enterprise Car Rentals can rent you a car, van, or 4x4 at discounted daily, weekly, and monthly rates for business or personal use. Rentals for official government business are tax exempt; and for all rentals, BNLeers get a special discounted rate nationwide. Vehicles may be returned to one of several local Enterprise offices, including several airport locations. Another plus — vehicles can be picked up on site, but Enterprise often can pick you up if you cannot get to them. For more information, call Ext. 4888 or 4889, weekdays, 9 a.m.-1 p.m., 3-5 p.m. or go to www.enterprise.com.

Arrivals & Departures

Arrivals

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Dmitry Kayran C-A
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Jinsuo Nie ES&T
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Classified Advertisements

OPEN RECRUITMENT – Opportunities for Laboratory employees and outside candidates.

MK2599. POSTDOCTORAL RESEARCH ASSOCIATE – Requires a Ph.D. in physics, chemistry or materials science and experience with x-ray or neutron scattering, wetting or thin organic films. Research will involve the fundamental understanding of wetting phenomena on geometrical and chemically nanostructured surfaces, and fundamental aspects of self-assembly in monomeric and polymer thin organic films on solid and liquid supports. Under the direction of B. Ocko, Physics Department.

MK4133. POSTDOCTORAL RESEARCH ASSOCIATES – Requires a Ph.D. in nuclear or high-energy physics and experience in lattice gauge theory. Previous work in finite temperature QCD is highly desirable. Positions are with the Nuclear Theory Group. One position will begin on or about July 1, 2004, and the second position will begin on or about November 1, 2004. Under the direction of P. Petreczky, Physics Department.

MK4135. POSTDOCTORAL RESEARCH ASSOCIATE – Requires a Ph.D. in particle or nuclear physics with a strong background in computing. Familiarity with grid computing, web services, network programming, C++, python and Java are all desirable. Position is with the Physics Application Software Group which is providing core software for the ATLAS experiment at CERN and is part of an activity to design, implement and support a distributed system for the analysis of data from that experiment. Will be part of a team developing a distributed analysis system for ATLAS. Under the direction of D. Adams, Physics Department.

MK4075. POSTDOCTORAL RESEARCH ASSOCIATE - Requires a Ph.D. in biochemistry or plant biology with a strong background in plant biotechnology, plant physiology and molecular genetics, and experience working on genetic engineering of plants. Specific emphasis on transgene expression and analysis is desirable. Will work on genetic engineering of plants project involving basic scientific experimentation to refine our knowledge of the pathway of storage lipid biosynthesis with the use of Arabidopsis as a model system. Genetic manipulations will be carried out with the use of *E. coli*. Hypotheses regarding metabolic bottlenecks and branch points will be tested by construction of transgenic and/or mutant plants and analyzing the consequences of such manipulations on the fatty acid composition of the seeds. Under the direction of J. Shanklin, Biology Department.

MK4089. POSTDOCTORAL RESEARCH ASSOCIATE – Requires a Ph.D. in chemistry or chemical physics, experience in the use of modern pulsed and/or c.w. visible laser systems, and background in molecular spectroscopy, high resolution molecular dynamics, or state-resolved chemical kinetics. The research involves studies of chemically reactive species important in combustion chemistry and gas-surface chemistry and dynamics in heterogeneous catalysis. Under the direction of T. Sears, Chemistry Department.

NS2134. PHYSICS ASSOCIATE IV (P-1) – Requires a BS in physics or related field and excellent written and oral communication skills. Background experience in high power pulsed power supplies, digital electronics, computer controls and programming, as well as laboratory test and measurement techniques is desirable. Primary duties, as part of a rotating shift team, include the operation and troubleshooting of the Collider-Accelerator Complex for the experimental physics program. Collider-Accelerator Department.

NS3399. FIREFIGHTER/EMT-D – Requires five years' progressive experience in a fire department, qualifications as a motor pump operator on a Class A pumper, and possession of a current NYS EMT-D certificate. In descending order of importance, the following criteria will be used for selection in the event that two or more individuals meet the above criteria: certified OSHA Hazardous Material Technician; Certified in Confined Space Rescue; current line officer in home department; and possession of an associate degree or higher in fire protection technology. Must be willing to work shifts at the completion of training period. Emergency Services Division.

TB2733. OFFICE SERVICES ASSISTANT (CW-2) – Requires an AAS degree or equivalent related experience, a working knowledge of personal computers and exposure to computerized business systems as well as knowledge of Excel, Word and accounts payable processing. Will be responsible for reconciling accounts for accruals and retention. Will also ensure check issuance, wire transfers and bank deposits are properly documented as well as credits due BNL are collected. Fiscal Services Division.

Motor Vehicles & Supplies

01 HONDACIVIC LX - a/t, a/c, p/s, p/b, p/w, like new, 52K mi., \$10,500. Ext. 2868 or 821-3328.

01 VOLKSWAGEN PASSAT GLX V6 - a/t, a/c, p/w,w/tan heated leather seats, m/roof, CD, excel., 53K mi., \$16,000. 472-3113.

99 SATURN SL2 - a/t, p/w, p/l, a/c, 4dr. spoiler, great cond., new brakes, sunroof, 99K mi., orig. owner, ask \$5,600. Lisa, Ext. 7524.

99 TOYOTA CAMRY LE - a/t, a/c, p/s, p/b, p/w, sunroof, abs, keyless entry, gd. cond., 2 air bags. 58K mi., \$9,600. Kiin, Ext. 5713.

99 TOYOTA SIENNA XLE - a/t, a/c, p/s, p/b, p/w, rear a/c, pwr. locks, seats & sliding dr. locks, much more. \$11,900. John, 475-5543.

98 FORD TAURUS - a/t, a/c, p/s, p/b, p/w, grey, 4dr., new tires, mint cond., 67K mi., \$8,000. Judy, Ext. 5263 or 744-2545.

97 NISSAN ALTIMA - a/t, a/c, p/s, p/b, p/w, well maint., 126K mi., \$3,000. Laurie, 834-9648.

97 NISSAN ALTIMA - 5spd., a/c, p/w, p/l, cass., runs well, req. minor repairs, min. body dmg., 98K mi., \$2,500. Ext. 4974 or 821-8650.

97 SUZUKI SPORT - 4WD, 5spd, 4dr, vgd. cond., new tires, 70K mi., \$4,600. Ext. 7502.

96 FORD BRONCO XLT - well maint., orig. owner, snow plow pkg. incl., ask. \$10,200. James, 928-0397.

95 CHEVY CAVALIER - a/t, a/c, well maint., new brakes & tires, smoke free, garage, orig. owner, ask. \$2,900. Linda, Ext. 642-7442.

95 DODGE NEON - a/c, p/s, p/b, red, 4cyl., tilt, ABS, am/fm cass. \$1,999. Angela, 758-8725.

95 MUSTANG GT -a/t, p/s, p/b, 8cyl., blk, am/fm/6 cd changer, new tires, 85K mi., excel. cond. Cynthia, Ext 3084.

95 SATURN - a/c, p/s, p/w, dk blue, sunroof, all service records, cosmetic imperfections, 158K mi., runs well, \$1,695. Vlad, Ext. 4353.

95 TOYOTA COROLLA SEDAN - 5 spd, a/c, p/s, blue, 4dr., 127K, excel. cond., mechanically & appearance, \$2,800. John, Ext. 5283.

94 CHEVROLET CAVALIER - a/t, a/c, excel. cond., well maint., garaged, 100K mi., \$1,750/neg. Seth, Ext. 5595 or 751-0272.

94 FORD RANGER PICKUP - runs well, new batt., clutch, timing belt, includes cap & bed-cover. \$2,100. 680-8445.

94 MAZDA 626 - a/t, a/c, p/s, p/b, p/w, light blue, 4 new tires & brakes, excel. cond., 110K mi., \$3,250. Jim, Ext. 5018 or 335-9007.

93 DODGE GRAND CARAVAN LE - a/t, a/c, p/s, p/b, p/w, 2.5L, V6, new a/t & tires, 7 pass., 155K, \$2,000. Henry, Ext. 3413 or 399-6947.

93 DODGE INTREPID - red, excel. cond., low mi., leather seats, \$3,000. Mary, Ext. 2900.

93 HONDA PRELUDE - 5spd, a/c, p/s, p/b, p/w, 28mpg, pwr. s/roof, new tires, batt., excel., 101K mi., \$4,700. Ext. 4453 or 924-6105.

93 MERCURY GRAND MARQUIS LS - a/t, a/c, p/s, p/b, p/w, white thr., ABS, traction contr., 85K mi., \$3,975. Ext. 2960 or 281-2414.

92 PONTIAC FIREBIRD - a/t, a/c, p/s, p/b, p/w, red, T-tops, gd. cond., 166K mi., \$1,300. Ed, 929-5676.

90 ACURA LEGEND COUPE - 2dr, many new parts, Sirius satellite radio, 16" chrome wheels, ask, \$3,500. Albert, 766-5725.

90 FORD F150 -a/c, p/s, p/w, 4x4, short bed w/trailer hitch, loaded, gd. shape, \$2,750. Charlie, 728-0074.

89 CHEVY CELEB - at/, p/s, am/fm, gd. tires, new batt. \$650; 89 Chevy S-10 pk-up, 48K mi., \$595; 88 Chev. Celeb., \$595, Tirre, Ext. 3288.

89 MERCURY COUGAR - a/t, a/c, p/s, p/b, p/w, all power, XR7 supercharger, 30 miles on rebuilt eng. \$3,800. Susan, 325-9562.

89 OLDS CUTLESS - 5spd., a/c, p/s, p/b, p/w, quad-4 eng. runs well, looks great. 109K mi., \$1,150. Michael, Ext. 5262 or 284-2277.

88 FORD BRONCO - a/c, p/s, p/b, p/w, full size 4x4, alarm, rebuilt motor, 40K mi., \$1,500. Rich, 744-8910.

74 CORVETTE STING RAY, a/t, a/c, p/b, p/s, green coupe w/ T-Tops, new paint, v.g. cond., \$7,900. Ed. 929-5676.

TIRE - 4, 265/70r16 Firestone Wildness & M mounted on '02 GMC Yukon alloy rims. Bill, 331-6983.

VOLVO RIMS - 15", \$25. Bill, Ext. 4774 or 929-6442.

Furniture & Appliances

BABY DRESSER - w/pull down changing table, solid maple, excel. cond., \$50. Kathleen, Ext. 2113 or 298-5345.

GLIDER & OTTOMAN - white w/pastel fabric, \$50. Michele, 821-2530.

REFRIGERATOR - GE Profile, 23.7 cu. ft., frost free, excel. cond., \$200. Celeste, 874-3356.

TABLE - \$15; chest-of-drawers, \$39; red sofa, \$39; 4 chrs, \$6/ea.; computer chr., \$19; matt. & frame, \$29. Ext. 4353 or 267-738-2590.

WASHING MACHINE - Whirlpool, commercial quality, top load, 1 yr old. Sue, Ext. 4931.

Free

DOG - for adoption, 4 yr. old spayed female Akita, excel. health, all shots up-to-date, needs adult household. Lois, 929-4753.

RABBIT - mini-lop rabbit, comes w/cage, raised outdrs. Dave, Ext. 3577.

Miscellaneous

BEAUTY SALON EQUIP. - professional chair, sink, mirror, unit w/shelf, perm rods, \$200. John, Ext. 5283.

DISHWASHER - MayTag, digital, \$125; GE freezer chest, \$125, both excel. king brass ex, head & foot, 3" tubes, \$300. Rita, 878-0354.

MICROWAVE - \$69, stereo, \$89; 20" TV, \$79, Pentium, 200 mHz, 15" monitor, \$99; A/C, \$29; more, Vlad, Ext. 4353 or 267-738-2529.

BEDS - platform, toddler, twin size, w/mattress & 3 drawers, \$25/ea; tractor 11 hp runs well, needs work. \$75; trailer cart, \$35. 751-8240.

SHAMROCK PINS - blinking, for your St. Patrick's day festivities. Mike, Ext. 5262.

SHREDDER - Chipper, electric, unused, \$95; microwave/convection oven, great cond., \$50. Joe, Ext. 3783 or 929-8321.

STEREO STAND & WALL OVEN - Emerson Stereo stand, 24"x42", 5 shelves, wheels, \$45; GE digital white wall oven, b/o. Ext. 2585.

TICKETS - 2, Staller Center, Emerson String Quartet, 3/26, 8pm, vgd. seats, \$29/ea. Yako, 474-1234.

WOOD STOVE - Atlantic free-standing, airtight, ask. \$500/obo. Joann, Ext. 7459.

Wanted

BABY CRIB - pack & play & high chair, all items in gd. cond. Barbara, Ext. 7426.

BRIDGE PLAYERS - BERA Bridge Club looking for members. Morris, Ext. 4192 or mms@bnl.gov.

CELL PHONES - for elderly, & battered women. Port Jeff Bowl will receive at least \$1 for ea. phone donated. Drop donations off to Robin at the Clinic, Bldg. 490 or Ext. 3192.

DONATIONS & ROAD BIKE - help raise \$4,000 for Leuk. & Lymph. Soc.; need bike, gd. shape. www.teamin training.org search: Anna Seda, Ext. 7625.

DRUMSET & CYMBALS - 728-0074.

SKIERS - to ski at Hunter Mountain, Wed. March 10th , \$52/bus & lift, send pymt. to, Augie Hoffman @ bldg. 510A.

RESEARCH VOLUNTEERS - men and women who smoke cigarettes, ages 18 and over, are needed for PET study. Strictly confidential, fee provided. 344-5015.

VACUUM TUBES AND EQUIPMENT - old/new electron vacuum tubes & tube equip., radios, tuner, amps, test gear, etc. Jonathan, Ext. 5335.

For Rent

BELLPORT - 1 bdrm apt., kitchenette, full bath, c/air, sep. ent., suitable for single non-smker, no pets. \$850. Khem, 286-8740.

BENSONHURST BKLYN - 1 br, lr, new kit. & bath, sun rm., newly renov., sep. elec/gas, heat/hot wtr. incl. \$1,050/mo. Joseph, Ext. 5409 or 516-903-2013.

DAVIS PARK - summer rental, steps from bay, sleeps 2-4, deck, outdr. shower, bbq, July & Aug. \$8,000/mo. or \$4,300/mo. Paul, Ext. 5829 or 289-9152.

EAST MORICHES - share lg. house in quiet area, own br w/a/c/cable/phone, fully furnished, 10 mi. to BNL, 300 ft. to beach. resp. single non smokr. 744-8386.

EAST MORICHES - 4 bdrm. 2 bath, huge lr, study, park-like property, wrap-around porch, storage, parking avail., mid April, \$2,000 + sec. Nick, Ext. 4979 or Anna, 513-6688.

EAST SETAUKET - 5 bdrm., 3 bath, 3-level house, sliding dr. lto wrap-around dck, cul-de-sac, hardwood flr, 2.5 car garage, 3VSD, avail. 3/15, \$2,400/mo. Mei Han, 689-6495.

FARMINGVILLE - upstairs studio apt, c/air, skylights, priv. ent., all util incl., except phone, \$750. Nicholas, 732-7499.

MANORVILLE - 1 bdrm. apt. unfurn., legal, clean, quiet, priv., no pets, \$900/mo., incl. all. Annamarie, 878-8967.

MASTIC - 1 bdrm. wtr. view, lg. kit. & lr, 1 bath. Gary, Ext. 2214.

MASTIC BEACH - 4 bdrm ranch, quiet st. near wtr., washer/dryer, 2 mo. sec., ref. \$1,500. Daniel, Ext. 7658 or 654-5607.

MASTIC BEACH - 1-bdrm. apt. + strg. rm. in bsmt., balcony, 9 mi. from BNL, rent mo. to mo., prkg., oil incl. avail. immed. \$900. Alexander, Ext. 4992 or 399-9611.

MEDFORD - 1-br, eik, full bath, lr, strg. closet, sep. ent., util incl., no smkg/pets. \$750. Betty, Ext. 3562 or 758-2653.

MEDFORD - 2-bdrm. bsmt. apt., sep. ent., no smkg/pets, \$1,000/mo./all, incl. cable. Cynthia, 698-9016.

PORT JEFFERSON STATION - 1-bdrm, lr, eik, full bath, priv. ent./dr. way, no smkg/pets, \$1,100/mo., all inclusive. Srinivasan, 928-5319.

PORT JEFFERSON - 3-bdrm, 1.5 bath, lr, office, gar., new kit./w cherry cabinets, lg. dining area, mint cond., walk to village & harbor, Port Jeff SD, \$2,100. Joe, 473-8999.

PORT JEFFERSON STATION - 1-bdrm. apt, priv. ent./dr. way, no smkg/pets, \$900/ mo./ incl. util. Sandra, 928-9325.

QUOGUE - 1-bdrm apt., spacious w/firepl., incl. heat, \$900/mo. Carlee, 728-6986.

RONKONKOMA - 3 bdrm., 2 bath, L-shaped ranch w/coal stove, dr, den w/firepl., all new appliances, c/air, finished bsmt., garage & carport. Angela, Ext. 5944.

SHOREHAM - share house, furn./unfurn. bdrms., 7mi. to BNL, no smkg./pets, \$550-570/mo. GD, 744-3543.

SHOREHAM - 2 lg. bdrm & lr fully carpeted, kit, full bath, cable, priv. ent. on cul-de-sac., no smkg./pets, 8 mi. to BNL, \$1,200/all. Diana, 445-7838.

WADING RIVER - 1 lg loft bdrm. apt., lr, kit, priv. ent., no smkg/pets, \$1,250/mo. + 1 mo/ sec. David, 929-6555.

ALEXANDRIA, NH - on Newfound Lake, 2 bdrm, 2 bath, sleeps 6/7, pool, tennis, clubhouse, 1400 ft., beach + in-lake swim platform, \$1,000/wk. Ed, Ext. 4188 or 750-3169.

CAP COD/NORTH TRURO, MA - 2 bdrm cottage, 4 people max, w/priv. beachfront, avail. wkly, Apr.-Oct., price neg. Ed, 508-685-8777.

COROLLA, NC - Outer Banks ocean-side vac. home, cul-de-sac, sleeps 17, priv. pool, hot tub, billiard rm. \$795-\$2,795/wkly. Carrie, 878-6968 or family-vacation-homes.com.

KISSIMMEE FL - 5-bdrm. new home, sleeps 12, 4 baths, priv. pool, hot tub, 3 mi. to Disney. \$900-\$1,300/wk. Carrie, 878-6968.

Blues Concert, Saturday, 3/20, 8 p.m.

Sponsored by the BNL Music Club

Joe Vicino & the Smokedaddys The Dare Ya Blues Band in 'Meeting at the Crossroads' at Berkner Hall

Open to the public. All visitors age 16 and over must bring photo ID. Tickets: \$10 each in advance, \$15 each on show day. Buy at BERA Sales Office, weekdays, 9 a.m.- 3 p.m. or through Web sites www.smokedaddys.com or www.dareyablues.com.

Get more information at Ext. 3846 or the BNL Music Club Web page at www.bnl.gov/bera/activities/music/.

ORLANDO, FL - Westgate Town Ctr., 1 mi. from Disney, brand-new 1- 3 bdrm., lg. TV, full kit., sleeps up to 12, pick wk. in 2004, photos avail. Pat, 744-8512.

SANIBEL ISL., FL -2-bdrm., kit., dr, lr, scr. porch, overlook Gulf Pool, jacuzzi, laundry, tennis, kids' activities, wtr. & bike, rental & restau. on prem., May 21-28, \$1,300. MaryAnn, Ext. 5124.

WILLIAMSBURG, VA - 2 Condos avail. (1) 1-bdrm condo, partial kit. \$600, (2) 2-bdrm condo full kit., \$800; v. nr. Busch Gardens, much more, 6/26 to 7/03/04, Ext. 5124.

For Sale

HOLBROOK - Blair Colonial, Birchwood Estate, 4- bdrm, 3.5 bath, oversized rms. oak flrs. sun rm, firepl., Sachem SD. \$415,000. Mary, Ext. 2815 or 472-4087.

RIDGE - newly updated colonial on 1/3 acre, 5 min. from BNL, 7 rms., 1.5 bath, above ground pool, all new appliances, mint cond. \$320,000. Johnn, 924-0596.

SOUND BEACH - new 3 bdrm, 2.5 bath, lr, dr, eik, 2 car garage, finished bsmt. on 1/4 acre , low taxes, MPSP, \$329,000. Louis, 744-1645.

SOUND BEACH - new 3-bdrm, 2.5-bath colonial, lr, dr, eik, MPSC, on 1/4 acre level property, incl. appliances. \$320,000. 209-0225 or 516-635-0225.

YAPHANK - 3-bdrm. townhouse, lr w/fp., dr, full kit., 1 full - 2 half baths, full fin. bsmt, w/d, garage, semi priv. yd. w/patio facing woods, Clubhouse w/outdr. pools, \$275,000. Debbie, 345-0040.

Happening

BERA APAA co-sponsor talk Wed., 3/3, 12:45 p.m., SBU Wang Center Thtr, by Loida Nicolas Lewis, Chair, CEO, TLC Beatrice, LLC.; on her successes in business. Reception to follow. Susan Wong, Ext. 7988, www.apaa.bnl.gov.

In Appreciation

The BNL Music Club thanks BNL management, BERA, Staff Services, the LI Blues Society, CEGPA, WUSB, Security and Fire, all the volunteers, all who attended and of course, Toby, Kerry and Sonny for a wonderful and memorable Friday night, at the Gathering of the Slides II.

Ads omitted will appear next week.

Eric Forsyth to Show Film at BNL About His Sailing Adventures, 3/4

Eric Forsyth, a retired senior electrical engineer from BNL, will present a one-hour sailing video, featuring highlights from his recent circumnavigation of the world aboard his 42-foot yacht Fiona. The event will be at noon on Thursday, March 4, in Berkner Hall.

During his presentation, sponsored by the Brookhaven Retired Employees Association, Forsyth will tell the story of how he followed the routes of the old clipper ships that were used before the opening of the Suez and Panama Canals. He will chronicle his voyage to Cape Town in South Africa, past the Cape of Good Hope, across Antarctica's Southern Ocean, to Cape Leeuwin in Australia, and Cape Horn at the tip of South America. He will also describe his visit to the remote island of Kerguelen, which is a French possession located between Africa, Antarctica, and Australia some 13,000 kilometers from France in the Southern Indian Ocean, and to the remote island of South Georgia, once part of the Falkland Islands — now a British territory. The 15-month voyage was completed with leisurely cruising in the Caribbean, Bermuda, and Maine.

This was Forsyth's second circumnavigation

