

## Praveen Chaudhari Named New BNL Director



At an all-hands meeting held in Berkner Hall on January 30, BNL Director-elect Praveen Chaudhari (right) is greeted by (from left) Battelle President and CEO Carl Kohrt and Interim BNL Director Peter Paul.

Brookhaven Science Associates (BSA) announced on January 30 the selection of Praveen Chaudhari as Director of BNL, one of ten national laboratories under DOE's Office of Science. The Lab has more than 2,800 workers and a \$463 million annual budget.

Chaudhari, who will begin his new duties on April 1, joins BNL after 36 years of distinguished service at IBM as a materials scientist and senior manager of research, including ten years as Director, and then Vice-President of Science.

"Dr. Chaudhari was the unanimous choice of the BSA Board of Directors, which includes representatives from Battelle, Stony Brook University [SBU], and six partner universities," noted Shirley Strum Kenny, the BSA Board Chair and SBU President, and Carl Kohrt, BSA Board Vice Chair and President and CEO of Battelle, in a joint statement. "The BSA Board is convinced that Dr. Chaudhari will continue to emphasize the Laboratory's commitment to simultaneous excellence in science, laboratory operations, and community service."

In the BSA press release, Raymond Orbach, Director of

DOE's Office of Science, commented, "We are delighted to have Dr. Chaudhari — a top-flight scientist, leader, and research manager — as the new Director at BNL. His scientific leadership and international breadth of experience will shape the Laboratory's future. This is a great choice for BNL, the local community, and the nation."

The new Director stated, "I am very pleased to join Brookhaven Lab — one of the world's foremost scientific organizations and home of five Nobel Prizes. I look forward to working with the outstanding BNL staff to advance the frontiers of science, effectively operate a diverse laboratory, and serve the needs of the scientific, local, and national communities."

### All-Hands Meeting

At an all-hands meeting in a packed Berkner Hall at 1 p.m. on January 30, Kenny, Kohrt, and BNL Interim Director Peter Paul introduced the new Director to BNL employees.

Kenny expressed profound gratitude for the "remarkable job" done by Paul, who was given a standing ovation by the

audience. As Deputy Lab Director for Science & Technology, a position in which he will continue at BNL, Paul was named Interim Director by BSA in October 2001, after Director John Marburger left to become the science adviser to President Bush.

After highlighting some of the new Director's accomplishments as a scientist and research director, Kenny said, "Praveen Chaudhari has shown that he is able to bring academic and research communities into a creative and profitable relationship with the corporate world, and can inspire colleagues to a height of creativity. He is the right director for Brookhaven."

Battelle's Kohrt echoed these sentiments, adding that the BSA Board had been impressed with Chaudhari's intent to continue to extend BNL relationships with universities, "a process for which he is well-known at IBM."

### Past Links With BNL

In addressing the audience, Chaudhari first recalled some past links with the Lab, including visits when, as an IBM manager, he had come to review IBM research being performed at the National Synchrotron Light Source in its early days. Later, as a guest researcher, he had been part of a magnetic monopole experiment at BNL in 1986-87. Then, last fall, invited to become BNL's Director, he said, he took just a few seconds to decide "yes!"

"I felt that I had done all I wanted to do at IBM," he said. "The opportunity to come to Brookhaven Lab was a great challenge, and I would be coming to a community that I can relate to, whose values I appreciate."

Chaudhari concluded his remarks to the BNL audience by saying, "My highest priority will be for us to get to know each other. I hope to work with you to try and make this great place even greater, and, for that, of course, I will need all the help that you can give me." — Liz Seubert



Roger Stoutenburgh D0260203

## New Director Chaudhari Answers Questions

In responding to questions from the audience, and later, from reporters, the new Director emphasized that, until he knew the Lab much better, his answers must be of a philosophical rather than specific nature. Answers to questions on several topics have been summarized as follows:

### Safety, environment

I believe very firmly that a safe Lab is essential, and that we have to be aware of the environment. We live and work in a community, and we have to be aware of how the community views us and of our relationship with them. So I completely endorse the Lab's responsibility to keep people safe and to conduct work in an environmentally responsible way.

### Diversity

Part of the job that I had at IBM was to be aware of the need for diversity, so we set up special programs during my tenure, for example, for summer students of diverse backgrounds, to encourage them to enter science, and to find the highest quality people among them. My rule of thumb is that quality in science is foremost, and diversity comes right after that.

### Applied science at BNL

To some scientists, and I am among them, getting an idea into the marketplace comes naturally. Doing science is my first love, but if I see that a discovery can be used somewhere, then I am inclined to go after it. I am willing to take time off from my science because I think it's important to do that in an industrial laboratory.

But other scientists don't like to do this. One has to accept and respect that. Once we sense that there is a large enough group interested in doing this, then we can set up a process to facilitate it, and my experience here might help.

### Physical sciences support

While there is almost never any opposition to saying that science should be supported, senators and congressmen usually find it easier to relate to medical science. Our job is to share the excitement and vision of all science — that science is, ultimately, discovering the truth of our existence.

If we can convey that in terms that politicians can relate to, and we persist, then I believe that we will be able to make headway.

(continued on page 3)

## Praveen Chaudhari: Career Highlights

The new BNL Director's contributions during his years at IBM include more than 160 published research articles, and discoveries resulting in 22 patents.

Among his honors, Chaudhari received the Morris N. Liebmann Memorial Award in 1992 for the discovery of amorphous magnetic films in magneto-optic data-storage systems. In 1995, he was awarded the 1995 National Medal of Technology for the discovery and development of amorphous magnetic materials that are the basis of erasable, read-write, optical storage technology, the foundation of the worldwide magnetic-optic disk industry.

Chaudhari earned his doctorate at the Massachusetts Institute of Technology in physical metallurgy. He has worked on the structure and properties of amorphous solids, mechanical properties of thin films, defects in solids, quantum transport in disordered systems, superconductivity, liquid crystal alignment on substrates, and on the magnetic monopole experiment.

As IBM's Vice-President of Science, 1981-91, Chaudhari was responsible for IBM science programs in New York, California, and Switzerland. During this time, materials research became the basis of the \$2-billion-a-year optical-disk industry. Also under Chaudhari's watch, IBM scientists won the Nobel Prize in physics for two consecutive years, in 1986 for developing the scanning tunneling microscope, and in 1987 for discovering high-temperature superconductivity in a new class of materials. Nationally and internationally, his record includes advising President Reagan in 1988 and President Bush in 1989 on superconductivity, and reporting on science and technology to India's Prime Minister Rajiv Gandhi in 1988 and Prime Minister Rao in 1993. (Also see [www.bnl.gov/bnlweb/pubaf/pr/2003/bnlpr013003.htm](http://www.bnl.gov/bnlweb/pubaf/pr/2003/bnlpr013003.htm).)

## 380th Brookhaven Lecture



Roger Stoutenburgh C08-900-01

### 'Electron Cooling at the Relativistic Heavy Ion Collider'

presented by  
**Ilan Ben-Zvi**  
Collider-Accelerator  
& Physics Departments

Next Wednesday,  
**February 12**  
**4 p.m.**

**Berkner Hall**

Story inside

## BNL Honors 12 Employees

### For Science & Technology, Engineering, Support

At a ceremony and reception hosted by Interim BNL Director Peter Paul on January 30 in Berkner Hall, 12 Lab employees were honored with BNL Employee Recognition Awards for their sustained accomplishments. According to Compensation Manager Robert Kelly of the Human Resources Division, who opened the event, while Lab-wide awards have been presented for 12 years, this is the fourth year that a ceremony and reception have been held to celebrate the award winners' distinguished contributions. Also congratulated that evening were last year's Spotlight Award recipients, who were recognized for their response to the extraordinary needs of their departments or divisions.

### FY2003 BNL Employee Recognition Award Winners

The following award-winners and their contributions to the Lab will be featured in future issues of *The Bulletin*:

- **Science & Technology Award:** Yu-Shin Ding, Chemistry Department; John Dunn, Biology Department; Yannis Semertzidis, Physics Department; Bo Yu, Instrumentation Division; Yimei Zhu, Materials Science Department.
- **Engineering Award:** Christopher Channing, Plant Engineering Division; Jack Fried, Instrumentation; George Ganetis, Magnet Division; Joseph Levesque, Emergency Services Division; and Donald Lynch and George Rakowsky, National Synchrotron Light Source Department.
- **Brookhaven Award:** Susan C. Foster, Human Resources Division; Christopher Johnson, Plant Engineering; Salvatore Marino, Physics; Noelwah Netusil and Naomi Pappas, Medical Department; and Mona Rowe, Community, Education, Government & Public Affairs Directorate.



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. 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 —

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](http://www.bnl.gov/esol/schedule.html) for schedule. Jen Lynch, Ext. 4894.

Mondays: BNL Gospel Choir

5:15-7 p.m. Berkner Hall. All faiths are welcome. [www.bnl.gov/bera/activities/choir/](http://www.bnl.gov/bera/activities/choir/).

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. Mary Wood, Ext. 5923, or [wood2@bnl.gov](mailto:wood2@bnl.gov).

Mon., Thurs., & Fri.: Tai Chi

Noon- 12:45 p.m., Brookhaven Center North Room. Adam Rusek, Ext. 5830 or [rusek@bnl.gov](mailto:rusek@bnl.gov).

Mondays: BNL Dance Club Ballroom, Latin & Swing Practice

5:30-7 p.m. North Ballroom, Brookhaven Center, except Lab holidays. Jean Logan, [jlogan@bnl.gov](mailto:jlogan@bnl.gov) or Ext. 4391.

Tuesdays: Welcome Coffee

10-11:30 a.m. Rec. Bldg. 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: BNL Dance Club Individual & Couples instruction

5-11 p.m. North Ballroom, Brookhaven Center. Ron Ondrovic, [ondrovic@bnl.gov](mailto:ondrovic@bnl.gov) or Ext. 4553.

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](http://www.bnl.gov/bera/activities/toastmstrs/default.htm).

Tuesdays & Thursdays: Aerobics

5:15-6:30 p.m., \$4 per class. Rec. Bldg. Pat Flood, Ext. 7886.

Tuesdays & Thursdays: Aqua Aerobics

5:15-6:15 p.m. Mary Wood, Ext. 5923.

Wednesdays: On-Site Play Group

10 a.m.-noon. Rec. Bldg. A infant/toddler drop-in event. Parents meet while children play. Svetlana Agafonova, 205-5065.

Wednesdays: Weight Watchers

Noon-1 p.m., Brookhaven Center South Room. Mary Wood, Ext. 5923, [wood2@bnl.gov](mailto:wood2@bnl.gov).

Wednesdays: Yoga Practice

Noon-1 p.m., Brookhaven Ctr. Free. Ila Campbell, Ext. 2206.

Wednesdays: Open Chess Night

5-8 p.m., Rec. Hall. Christine Carter, Ext. 5090.

Wednesdays: Exercise 101

5:15-6 p.m., Rec. Bldg. \$4 per class or \$35 for 10 classes. Stretching, low-impact aerobics, and other exercises. Pat Flood, Ext. 7886.

Wednesdays: Dance Club Group Lessons

5-9 p.m. North Ballroom, Brookhaven Center. Marsha Belford, [belford@bnl.gov](mailto:belford@bnl.gov) or Ext. 5053.

Fridays: Family Swim Night

5-8 p.m. at the BNL Pool. \$5 per family.

Fridays: BNL Social & Cultural Club

8-11:30 p.m., Brookhaven Ctr., social. Rudy Alforque, Ext. 4733, [rudy@bnl.gov](mailto:rudy@bnl.gov).

Saturdays: BNL Dance Club Monthly Ballroom Dance Social

8-11:30 p.m. Ballroom, Latin & swing dancing, North Ballroom, Brookhaven Center. 1/25, 2/15, 3/15, 4/12, 5/17. Marsha Belford, [belford@bnl.gov](mailto:belford@bnl.gov) or Ext. 5053.

February Is Black History Month

See the Black History Month poster exhibit on display during the month of February in Berkner Hall lobby.

— THIS WEEKEND —

Saturday, 2/8

\*Gospel Extravaganza

7 p.m., Berkner Hall. See page 3.

— WEEK OF 2/10 —

Monday, 2/10

Free Movie Night

6:30 p.m., Berkner Hall. All are welcome to view a Chinese film with English subtitles called "Shower," rated PG-13. Deepali Mitra, Ext. 5360.

380th Brookhaven Lecture, 2/12

Electron Cooling at the Relativistic Heavy Ion Collider

There is no question about it: scientists working at BNL's Relativistic Heavy Ion Collider (RHIC) want the accelerator's gold ions to collide as frequently as possible in the machine's six interaction regions.

The rate at which collisions take place is called luminosity. As researchers will tell you, the higher RHIC's luminosity, the better the chances of excellent research results. For example, an increase in the collision rate increases the probability of observing a rare collision event.

One way to heighten RHIC's luminosity is to increase the density of each ion bunch in the collider, which is achieved by making the size of each bunch very small. Because temperature plays a large part in determining bunch size, RHIC scientists are developing a system to cool the gold ions as they circulate the RHIC rings.

To learn how RHIC scientists plan to use electrons to cool beams of gold ions traveling at

nearly the speed of light — without touching them — join Senior Scientist Ilan Ben-Zvi of the Collider-Accelerator Department (C-A) and the Physics Department, as he presents the 380th Brookhaven Lec-



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ture, "Electron Cooling at the Relativistic Heavy Ion Collider," next Wednesday, February 12, at 4 p.m. in Berkner Hall. Ben-Zvi will be introduced by C-A Department Chair Derek Lowenstein.

Ilan Ben-Zvi, who earned his Ph.D. in physics from the Weizmann Institute of Science in Israel in 1970, joined BNL in 1988 and now heads the RHIC Cooling Group and BNL's Accelerator Test Facility. A fellow of the American Physical Society, and a member of the New York State Academy of Science and the American Association for the Advancement of Science, he is the recipient of the 1999 Institute of Electrical & Electronics Engineers Accelerator Science & Technology Award and the 2001 BNL Science & Technology Award.

Refreshments will be offered before and after the lecture. To dine with the speaker at a restaurant after the lecture, call Pam Manning, Ext. 4072. — John Galvin

Twenty High Schools Compete in BNL Regional Science Bowl

The science questions were tough, but the science whiz kids from Great Neck South High School answered the most questions in the least amount of time, making them the champions of the Regional Science Bowl held at BNL on February 1. Sponsored by BSA, the fast-paced question-and-answer tournament was designed to test high school students' knowledge of biology, chemistry, physics, mathematics, astronomy, earth science, and general science.

The Regional Science Bowl competition at BNL, along with 65 other regionals round the country, is part of the National Science Bowl® competition coordinated by DOE's Office of Science: Workforce Development for Teachers & Scientists. Since its inception in 1991, more than 80,000 high school students have participated in this "Jeopardy®"-style contest. About 13,000 students competed this year.

Twenty schools, most from Long Island, participated in the regional contest at BNL which was coordinated by Kevin Manning, Office of Educational Programs. Some 78 volunteers, mostly BNL employees and retirees, helped to make the all-day contest a success.

Said OEP Manager Brian Murfin, "I thank all the BNL staff and volunteers — their dedication and hard work during the event

Interim BNL Director Peter Paul presented each of the three winning teams with their prizes. With Paul (far left) are (from left) Great Neck South High School winning team members: Zachary Wissner-Gross, Jared Bass, Kenny Schultz, Zachary Scherr, Sharon Chou, with coach Matthew Sckalor.



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made it a tremendous success. In addition, I congratulate Kevin Manning, our new educational programs administrator, for a superb job in organizing the event."

As first-place champs, the Great Neck South High School team won \$500, to be shared among the five team members, gold medals for each team member, and, for display at their school, an inscribed silver bowl trophy. The first-place team will get a

chance to participate in the National Science Bowl®, which will be held in Chevy Chase, Maryland, May 1-5.

Half Hollow Hills High School West was the second-place winner, receiving \$300 for the team, silver medals for team members, and a trophy for their school. Horace Greeley High School won third place and received \$200, bronze medals, and a silver bowl. — Diane Greenberg

U-Way 'Gains' 350 Pounds at 3rd Annual WTF Holiday Open House

Outside, the line wrapped around Bldg. 624, but inside BNL's Water Treatment Facility (WTF) last December 18th, a sumptuous hot-and-cold luncheon buffet was offered free to the approximately 300 BNLeers who attended the WTF's 3rd annual Holiday Open House.

Begun in 2000 as a festive way of inviting the entire Lab community to meet the WTF staff and see the facility where BNL's drinking water is produced, the annual event has each year resulted in the donation of cash and canned goods to a worthy cause.

This year, BNL's United Way campaign was the lucky recipient of the WTF's staff and guests generosity: as a result of the December luncheon, United Way "gained" 350 pounds — 350 pounds of canned and boxed foodstuffs, that is.

As a result, "Everyone gains," explains water treatment engineer and WTF open house co-organizer Phil Pizzo. "We open our facility to you, and you break bread with us. And we both get to give to a worthy cause, so that those in need could celebrate the holidays with enough food to share." — Marsha Belford



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Pictured outside BNL's Water Treatment Facility (WTF) with the 350 pounds of food that BNL's United Way (UW) campaign "gained" as a result of the WTF's 3rd Annual Holiday Open House are UW coordinators and some of those in the Plant Engineering (PE) Division who sponsored the luncheon: (from left) Bill Chaloupka, PE; Susan Monteleone, UW; Linda Sinatra, UW; Greg Stawski, PE; Jack Kulesa, PE; Beth Blevins, UW; Phil Pizzo, PE; Tom Boucher, PE; and Richard Lutz, PE. Missing from the picture are luncheon sponsors: Steve Barcelo, Tony Ross, and Joe Tullo, all of PE's WTF; and Bill Schmidt of PE's Electrical Shop.



New Director Answers Questions

(cont'd.)

Medical research at BNL

I believe that the last five decades have been the decades of physical sciences and information technology, and that the next five will be the decades of the life sciences and associated technologies. We have to be aware of this, as a national lab. We still want to answer questions in the physical sciences, but recognize that life sciences are very much coupled with the physical sciences, and that life sciences will be the frontier that most young graduates will want to explore.

Science management style

Since I have an innate interest in science, I will be very much coupled into the science activities here, but I don't intend to micro-manage. I don't have any preconceived notions in management and organization. We will have to establish our agreed-upon goals first and then put an organization in place that serves our purpose.

Local community

As a senior manager at IBM, I talked to many people, and I am comfortable with that . . . I have to learn about the community and the Lab, meeting with Lab staff and

community leaders, starting April 1 . . . I will reach out to make alliances with local businesses . . . I think it is essential that we do not lose trust again.

Why leave IBM?

I've been doing hands-on science for ten years at IBM since I left management there, and I have quit management before several times and then gone back to it whenever there was something interesting to do . . . BNL is in good shape. I'm not coming to fix things, but to help the Lab grow, to make things stronger.

Goals as BNL Director

I see the BNL Director as serving three communities: scientific, local, and national. In science, I see the Lab's mission as continuing its forefront role in all areas, while excelling in some; locally, as fostering a free and easy exchange of information, explaining the research that is going on and inviting neighbors' participation in dialog; and nationally, as responding to a broader mandate.

How long will you stay at BNL?

As long as I love it.

— Liz Seubert

Intel Finalist Mentored at BNL

And two more Intel semifinalists were mentored at BNL

When Intel announced their finalists last week for their 62nd annual Science Awards competition, **Brandon Imber**, a student from Commack High School, was listed. As reported in last week's Bulletin, Imber participated in the summer science program, which is organized by BNL's Office of Educational Programs. Imber worked with Tianbo Liu, Physics Department, on inorganic synthesis to make novel polyoxomolybdate-based (POMs) molecules with special magnetic properties, research which may prove to have medical applications.

In addition to the three other Intel semifinalist students listed in last week's Bulletin as mentored by BNL scientists, two more students who worked with BNL scientists had been named semifinalists in the Intel competition:

- **Tamara Lee**, Jericho High School, was mentored by BNL scientist Diane Cabelli of the Chemistry Department. With Cabelli, Lee studied the redox mechanism in water-soluble tetrazoliums. These compounds are important in cell proliferation and oxy-radical reactions.

- **Alexei Zaliznyak**, Ward Melville High School, the son of Igor Zaliznyak of the Physics Department, was mentored by BNL scientist Sergei Maslov, Physics. Zaliznyak's project focused on correlation profiles of the Internet. With Maslov's guidance, he showed that clustering in a network is very sensitive to both the connectivity distribution and its correlation profile.

— Jane Koropsak

Arrivals & Departures

Arrivals

Henner Buesching ..... Physics  
Hironori Ito ..... Physics  
Randy Smith ..... NSLS  
Aihong Tang ..... Physics

Departures

Stephen Crivello ..... C-A  
Adrian Dumitru ..... Physics  
Donald Fleming ..... ITD  
Anthony Fuoco ..... Rad. Ctrl.  
Richard Perez ..... C-A  
Pattanathu Rahman ..... ES&T  
John Smalley ..... Mat. Sci.

Retirement Counseling

A TIAA-CREF representative will visit BNL on Friday, February 28, and Friday, March 7, to answer employees' questions regarding the TIAA-CREF retirement plan, such as TIAA and CREF differences, allocating funds between TIAA and CREF, options, flexibilities with TIAA/CREF, and retirement options.

To arrange a 45-minute appointment, call Wanda Ezekiel, (800) 842-2733, Ext. 2235 (not the on-site Ext. 2235).

Train as a Lifeguard

A lifeguard training course with Red Cross certification will be set up if there is sufficient interest. Contact Head Lifeguard Susan Dwyer, Ext. 3496 or 3147, as soon as possible if you are interested in taking the course.

Nutrition Workshops

*The Occupational Medicine Clinic (OMC) and the Health Promotion Program offer two workshops, each with four sessions, on the following Mondays: 2/24, 3/24, 4/28, and 5/19. These workshops are limited to 15 people each. To register, contact Mary Wood, Ext. 5923 or wood2@bnl.gov, by February 17.*

Cholesterol Workshop  
(11:30 a.m.-12:15 p.m.)

Participants will have a lipid profile taken at the OMC before and at the end of the program. A registered dietitian will facilitate the workshops, with tips on eating out, travel, easy cooking, and monitoring success.

Hypertension Workshop  
(12:30 -1:15 p.m.)

Discussions will be held on blood pressure screening, sodium control, healthy dining out, cooking, travel, and more. Symptoms that may not show until a serious health problem exists will be highlighted to stress the importance of regular blood-pressure monitoring.

**Dosimetry badges will be exchanged today, Friday, February 7. Remember to place your badge in its assigned rack space before leaving work today.**

Black History Month Events

To honor Black History Month, BNL's Afro-American Club sponsors the following events:

Gospel Extravaganza, 2/8, 7 p.m.

Tomorrow, on Saturday, February 8, all are invited to the Gospel Extravaganza, featuring the Shekinah Choir, the BNL Gospel Choir, Shana Sneed, the Heavenly Home Boys, and Divine Expression, in Berkner Hall. Admission: in advance, adults, \$12, children under 12, \$6; at the door, adults, \$15. Refreshments will be served.



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African Dance, Tuesday, February 11, noon

Come, join in the "African Dance At Noontime" celebration, noon-1 p.m. in Berkner Hall lobby.

Talk by Rashad Robinson, Tuesday, 2/18, noon

Organizer and advocate Rashad Robinson, the Field Director of the Center for Voting and Democracy, will talk on "Celebrating Our Past and Fighting for Our Future," in Berkner Hall, Room B. Robinson's work involves training community workers, organizing field activities, giving workshops for civil rights, and promoting alternative systems as remedies to voting-rights dilemmas.

Talk by Maurice DuBois, Friday, 2/21, noon

Two-time Emmy award-winning anchor/reporter Maurice DuBois of News Channel 4, co-anchor for "Today in New York," which airs on weekdays, 5-7 a.m., will talk about his life experience, noon-1 p.m., in Berkner Hall. During the summers of 1984 and 1985, DuBois wrote for The Bulletin while serving as an undergraduate intern in BNL's Public Affairs Office.

Talk by Queen Afua, Thursday, 2/27, noon

Herbalist and holistic health specialist Queen Afua, author of bestsellers *Heal Thyself for Health and Longevity* and *Sacred Woman: A Guide to Healing the Feminine Body, Mind, and Spirit*, will talk on "An Afrocentric Approach to Healthy Eating and the Attributes of Holistic Lifestyle," noon-1 p.m., in Berkner Hall, Room B.



Piano Duet at Noon, 2/12

All are invited to the noon recital at Berkner Hall on Wednesday, February 12, featuring the Long Island Piano Duet of Yelena and Vladimir Polezhayev, who established their duo at the St. Petersburg State Conservatory, in Russia. Music critics agree that Yelena's solo performances throughout the former USSR and Europe, and Vladimir's experience of working with Russian State Radio/TV Orchestra for more than ten years as a composer and arranger combine to create a unique duet presentation.

Since coming to New York in 1990, the duo has performed on various TV and radio shows, and in Carnegie Hall, Merkin Concert Hall, Tilles Center, and Hofstra University. The duet's programs offer light classical entertainment; at BNL, they will perform works by Rossini, Brahms, and Mozart, as well as traditional folk tunes.



Noon recitals are free and open to the public. Bring lunch and come and go as you please.

Healthline Lecture Series  
Women and Heart Disease

Jean Cacciabauda, MD, will present, "Women and Heart Disease: An Update . . . Not for Women Only," on Tuesday, February 11, noon – 1:00 p.m. in Berkner Hall. Topics will include risk factors for heart disease in women and how these risks differ from men; hormonal replacement therapy; diagnostic techniques and treatments; risk modification; and revascularization techniques. All are invited. Cacciabauda, the Associate Director of Nuclear Cardiology at North Shore University Hospital, has published widely on hypertension and heart disease in women. Check your mailbox for a registration form, or call Mary Wood, Ext. 5923.

Calendar

(continued)  
Tuesday, 2/11

\*African Dance at Noontime

Noon-1 p.m., Berkner Hall lobby. Join the celebration of Black History Month. Omar Gould, Ext. 2656.

\*Healthline Lecture Series

Noon-1 p.m., Berkner Hall. Jean Cacciabauda, MD, will talk on "Women and Heart Disease: An Update . . . Not for Women Only." See notice below. Mary Wood, Ext. 5923.

Wednesday, 2/12

\*BSA Noon Recital

Noon, Berkner Hall. The Long Island Piano Duet featuring Yelena and Vladimir Polezhayev will perform. See notice on page 3 for more information.

\*380th Brookhaven Lecture

4 p.m. Berkner Hall. Elan Ben-Zvi, Collider-Accelerator and Physics Departments, will give the lecture "Electron Cooling at the Relativistic Heavy Ion Collider." See story on page 2.

Friday, 2/14

\*Valentine's Day Blood Drive

9:30 a.m.-3 p.m., Brookhaven Center. BNLers from 17 to 75 years of age, in good health, and weighing over 110 lbs. are welcome. All donors should have photo ID and know their social security number. Susan Foster, Ext. 2888, donateblood@bnl.gov.

\*Valentine's Day Tea

Noon-2 p.m., Rec. Bldg. Cookies, snacks, tea, and coffee will be provided by BNL's English for Speakers of Other Languages program. Bring your own lunch. Paper will be supplied for Valentine's Day card-making. Jen Lynch, Ext. 4894.

\*Valentine Dinner

6 p.m., Recreation Hall. Offered by the Hospitality Committee. See notice on page 4. Monique de la Beij, Ext. 7656.

Saturday, 2/15

\*Songwriters Make Music

8 p.m., Berkner Hall. The BNL Music Club and The East End Songwriters Guild present "Songwriters Series," open to the public. Admission: \$10. See notice on page 4 or www.bnl.gov/bera/activities/music/ for more information.

Sunday, 2/16

GLOBE Meeting

The Gay, Lesbian, and Bisexual Employee Club at BNL will hold its monthly meeting. For the meeting's time and location, contact Debbie Bauer, Ext. 5664, or Mike Loftus, Ext. 2960. For more information about the GLOBE club, see www.bnl.gov/bera/activities/globe..

— WEEK OF 2/17 —

Wednesday, 2/19

Science Education Forum

Noon-1 p.m., Bldg. 438. All are welcome to join a discussion on issues in science education. Refreshments provided. Bring your lunch. Brian Murfin, Ext. 7171.

Thursday, 2/20

BAC Meeting

12:30-1 p.m., Berkner Hall, Room D. Brookhaven Advocacy Council Meeting, Open Session. www.bnl.gov/bac.

BSA Distinguished Lecture

4 p.m., Berkner Hall. Author Carl Safina, Blue Ocean Institute President, will talk on "History and Destiny of World Fisheries." All are welcome to attend this free public lecture.

— WEEK OF 2/24 —

Monday, 2/24

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, 2/26

BERA Ski Trip to Camelback

\$50 per person. See notice, below, left. Sign up at the BERA Sales Office in Berkner Hall. For more information, contact Andrea Dehler, Ext. 3347.

*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 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.*



# Music Club Events

The Lab community and neighbors are invited to enjoy these public concerts at BNL in Berkner Hall.

## February 15, 8 p.m., advance tickets, \$8; at the door, \$10 Songwriters Make Music



rate performances after a “songwriters-in-the-round” group discussion and round-robin performances of original music.

Folk/pop singer and guitarist Terry Winchell has appeared in many well-known Greenwich Village clubs and Hamptons venues. Her music has aired on 350 radio stations in the U.S. She has opened the show for many top names, including Taj Mahal, Hot Tuna, Buster Poindexter, and Lenny Kravitz. Recently, Winchell has been composing film music and working on her next CD.

Cathy Kreger — singer, songwriter, and guitarist — has been performing for more than 18 years. Her musical style is a unique combination of adult contemporary and old blues, with an alternative folk flair. She has played throughout the Northeast and has made several independently produced recordings.

In addition to Winchell and Kreger, the songwriters-in-the-round group will consist of: Bill Akin; Sarah Greene; Larry Hunter; Kristhen: the Henry Diaz and Kristi Diaz duo; and Mark Mott. For more information, call Ext. 2345, or check the BNL Music Club Web page: <http://www.bnl.gov/bera/activities/music/>.

March 1, 8 p.m.

## Kerry Kearney Band, Guests In ‘The Gathering of the Slides’

The BNL Music Club and the Long Island Blues Society will present Kerry Kearney's Band in “The Gathering of the Slides.” Michael Falzarano, Kane Daly, Little Toby Walker, and Amy Helm will be featured as special guests. Showstopper Kearney is known as a master of open tuning slide guitar, and he will perform with his four-piece band: Eileen “Little Steamroller” Murphy on drums, Frank Celenza on bass, Tony Campo on keyboards, and Charlie Wolf on harp. Admission: \$10 in advance, \$12 at the door. For more information, go to [www.bnl.gov/bera/activities/music/](http://www.bnl.gov/bera/activities/music/).

## 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/HR/jobs/default.htm](http://www.bnl.gov/HR/jobs/default.htm).

**OPEN RECRUITMENT** — Opportunities for Laboratory employees and outside candidates. MK8969. SCIENTIST (S-3)– Requires a Ph.D., extensive experience in the area of radiation transfer in the atmosphere, an established record of funding and maintaining an active and high quality research program, and the willingness to interact with other scientists within the group regarding improvement in simulations of climate. Should have demonstrated expertise in cloud and aerosol interactions with incoming and outgoing radiation streams. Interests of the research group include spectral characteristics of radiation transfer through clouds and aerosols and the characterization of

The BNL Music Club and the East End Songwriters Guild will present their first Songwriters Series, featuring eight local songwriters talking about and playing their music on guitar. Two of the songwriters — Terry Winchell (left) and Cathy Kreger (below) — will give separate



## COMPUTER TRAINING

The following PC training classes have been scheduled for February/March. Note that some February classes have been changed since the announcement in the Bulletin of Jan. 17.

February 24	Windows – level 1
February 25 & 26	*Project– level 1
February 27 & 28	*Access – level 1
March 10	FrontPage – level 1
March 11	Outlook 2000 – level 1
March 12	PowerPoint – level 1
March 13 & 14	*Access – level 2
March 17	Windows – level 2
March 18	Word - level 1
March 19	Excel – level 2
March 21	Project – level 2
March 27	html – level 1
March 31	Excel – level 1

\* Two-day class

The training fee for the on-site classes listed above is \$151 per day of training. BNL employees can also register for classes at the New Horizons Computer Learning Centers located in Commack and Westbury. To register for on-site or off-site classes, view class outlines and additional schedules, and obtain other information, go to the Information Technology Division Website, [www.bnl.gov/itd/training](http://www.bnl.gov/itd/training), or contact Pam Mansfield, [pam@bnl.gov](mailto:pam@bnl.gov), or Christine Herbst, [herbst@bnl.gov](mailto:herbst@bnl.gov).

### Valentine Dinner, 2/14

The Hospitality Committee invites visitors, guests and their families to a Valentine's dinner party on Friday, February 14, at 6 p.m. at the Recreation Hall. As a treat, this party is paid for by the committee. So, just attend the dinner and enjoy. Call Monique de la Beij, Ext. 7656.

### Valentine's Day Tea

BNL's English for Speakers of Other Languages invites you to come to make Valentine cards and enjoy snacks, tea, and coffee at the Recreation Hall, on Friday, February 14, noon-2 p.m. Call Jen Lynch, Ext. 4894.

## Valentine's Day Blood Drive, 2/14

BNL is holding a blood drive on Valentine's Day, Friday, February 14. Your gift of life is urgently needed. Anyone of age 17 to 75, in good health, who weighs at least 110 lbs. can donate blood. If you donate, bring official photo ID and know your social security number.

To schedule an appointment at the Brookhaven Center, 9 a.m.-3 p.m., e-mail [donateblood@bnl.gov](mailto:donateblood@bnl.gov). Include your name, phone extension, and preferred time to give. If you do not have access to e-mail, call Susan Foster at Ext. 2888.

### Gift Dinner for Two

The Medical Department staff has donated a gift certificate for a romantic dinner for two at a local restaurant. The lucky Valentine donor will be selected on the day of the Blood Drive.

## Get-Fit Aerobics

All are invited to join any of the following get-fit classes in the Recreation Hall, at \$4 per class or \$35 for a set of ten classes. For more information, call Pat Flood, Ext. 7886, or Sue Monteleone, Ext. 7235.

- **Aerobics:** done with low or high impact, some stretch and strength exercises included. Tuesdays and Thursdays, 5:20-6:30 p.m.
- **Exercise 101:** an easy beginner class consisting of stretch, low-impact aerobics, and light free-weight exercises. Wednesdays, 5:15-6:15 p.m.

## Take a BERA Trip

- Ski trip, 2/26, \$50
- American Museum of Natural History, Space Show, & Einstein Exhibit, 3/30, adult, \$38; child, \$30. More information is at the BERA Sales Office, Ext. 3347.

SOFA/BED - Jennifer sofa bed, queen size, mint cond., mixture of light neutral colors, \$250. Lillian, Ext. 8772.

### Tools, House & Garden

OIL BURNER VACUUM - vacuum, commercial, oil burner soot, Mastercraft, dolly, hoses, extra new wire brushes & bags, mint cond., \$225. Annamarie, 878-8967.

### Sports, Hobbies & Pets

CAMERA - N90S, w/vertical grip battery pack, mint cond. \$575. Joe, Ext. 2384.

FISH TANK - 30 gal., assorted tropical fish, heater, Aqua Clear filter, Python cleaner, rock formations, supplies, etc., \$65. Linda, Ext. 2733 or 395-6784.

LOVABLE CLOWN CAT - neutered, all shots, litterbox trained. Laptop purrmachine. Loves people, hates cats. Pat, Ext. 3902.

RACKETS - Badminton racket, steel shaft, \$20; tennis rackets, two for sale, \$10/ea. Gar, Ext. 4387.

ROLL PAPER EASEL - Nord, automatic, professional for photographic printing, max size 11x14, like new, \$350. John, 758-6784.

SKI CLOTHING - jackets w/matching pants, men's med., different colors, \$15-20/ea. Peter, Ext. 2913.

TREADMILL - good cond., \$75. Ext. 2752 or 751-6571.

WEIGHTS - dumbell, 25-60 lbs., all steel, w/steel rack, \$300; Life Fitness Stairmaster 5500, \$1,500 new, ask. \$500; Lifecycle 6500, stationary bike, \$1,700 new, ask. \$500. all are gym qual. Kevin, Ext. 2431 or 929-1683.

WOMEN'S ICE SKATES - brand new, never used, white, size 8, \$25. Gary, Ext. 2155.

### Wanted

HOUSE - family w/three kids is looking for a house to rent or exchange w/their own in Grenoble, France, from April to July. [sophie@grenoble.cnrs.fr](mailto:sophie@grenoble.cnrs.fr).

INDIVIDUALS - energetic, motivated, must have welcoming personality & love working w/people, good phone & organizational skills, willing to exercise daily, CPR certified, flexible work hours. Susan, 345-6456.

## Attn. Beginners: Do You Wanna DANCE?



## If so, then join the BNL DANCE CLUB 8 weeks of lessons start Wednesday February 12th

North Ballroom, Brookhaven Center

### Register now for

- 5-6 p.m. quick-start HUSTLE & WEST COAST SWING: 20 people max, 1 instructor, \$40/person
  - 6-7 p.m. intro RUMBA, WALTZ, BOLERO & TANGO: 50 people max, 3 instructors, \$30/person
- Make checks payable to the BNL Dance Club and send to: Marsha Belford, Bldg. 134.
- For more information, contact:
- Marsha Belford, belford@bnl.gov or Ext. 5053
  - Sue Perino, perino@bnl.gov or Ext. 2483.



RESEARCH VOLUNTEERS - healthy non-smoking men and women, ages 18 and over, are needed for MRI study. Strictly confidential, fee provided. 344-2773.

SKIERS - to ski Windham, Wed. 2/19. \$51 for bus & lift. Send payment to Augie Hoffmann, Bldg. 510A.

SOFTBALL PLAYERS - for E1 employees League Weds. after work. Great fun, great food for so little. Gary, Ext. 2155.

### Free

BEDROOM SET - dresser, mirror, armoire, full head board, 2 night tables, good cond., you pick up. Pat, Ext. 2939.

BUFFET & HUTCH - dark pine, 66" long, windowed doors on hutch, you pick up. Claire, Ext. 3051.

### Community Involvement

Join us! Sundays at 10 a.m. Help us build our congregation and new church building. Middle Island Congregational Church, 645 Middle Country Road, Middle Island. 924-6201.

### In Appreciation

We would like to thank all of our friends at BNL for their generosity and prayers following the passing of our mom.

— The Scheuerer Family

To all my friends and co-workers. My family and I wish to express our deep gratitude for all your comfort & support after the tragic loss of my son.

— Mike Palumbo and Family

### Services

Services offered by BNLers, ranging from dentists to housecleaners to long-term care insurance planners and much more are on the Web (address below) or available from Tiffany Minter, Ext. 2345.

SECRETARIAL POSITION AVAILABLE - at the on-site DOE Brookhaven Area Office, support contractor position. Duties include data entry, filing, phones. Must be proficient in Word, Outlook, PowerPoint & Excel. Infotech — fax resume 516-576-0034.