

## BNL's Basic Energy Sciences Headed by Doon Gibbs

**D**oon Gibbs has been named BNL's Associate Laboratory Director for Basic Energy Sciences, effective November 1.

With a staff of 180 and a current annual budget of about \$52 million, the Basic Energy Sciences (BES) Directorate is responsible for overseeing research in chemistry, materials science, and condensed matter physics, and for shepherding BNL's new Center for Functional Nanomaterials from blueprints to a functioning center by 2007. The center will be one of five being built by DOE's Office of Science at national laboratories around the U.S. for the study of materials at ultra-small dimensions – on a scale of a nanometer, or a billionth of a meter.

"I am delighted to have this opportunity to lead Brookhaven's Basic Energy Sciences Directorate," Gibbs said. "Broadly, DOE's goals are to carry out basic research and develop new tools to help secure energy independence for the U.S. With our strong scientific programs and facilities and a great BES management team, I'm excited about our ability to contribute to these challenges in the coming years."



Roger Stoulenburgh 00011104

Together, Gibbs and his senior management team have defined three major research directions for the Lab: in model catalysts, involving substances that make chemical reactions work more quickly; in strongly correlated and complex systems, for example, trying to understand high-temperature superconductivity; and in developing new programs at the interface between life and physical sciences, for instance, using biological ideas to design novel nanomaterials with new properties.

Gibbs envisions BNL scientists working together with university and industrial researchers to make new discoveries in basic energy sciences research. (continued on page 2)

## DOE/BSA Contract Signed, Extended to 2008



Roger Stoulenburgh 00000904

In his capacity as President of Brookhaven Science Associates (BSA), BNL Director Praveen Chaudhari, (seated, third from left) and DOE Brookhaven Site Office (BHSO) Manager Michael Holland (seated, second from left) sign the new contract extending BSA's role as management contractor of BNL until 2008. Attending the signing were: (seated, from left) Gregory Fess, General Counsel; Peter Bond, BNL Deputy Director for Science & Technology (Interim); (back, from left) Brian Sack, Assistant Laboratory Director for Finance (now of Idaho National Laboratory); DOE's Frank Crescenzo, BHSO Deputy Manager; Gregory Ogeka, Deputy Assistant Laboratory Director for Finance; Michael Goldman, Deputy General Counsel; William Hempling, Human Resources & Occupational Medicine Division Manager; and DOE's Robert Gordon, BHSO Director of Business Management.

## Sum-Up of Safety Partnership Week

A message from James Tarpinian, Assistant Laboratory Director  
For Environment, Safety, Health & Quality

**D**uring the Safety Partnership Week held November 29 through December 3, we all, as members of the Lab community, successfully met the objectives of recommitting ourselves to making our workplaces safer and taking our safety awareness home with us. The week's activities, which included presentations, workshops and discussion groups, provided opportunities for everyone at the Lab to participate and encouraged dialog between workers, contractors, visitors, guests, managers, supervisors, and coworkers.

Among the highlights were visits from and active participation by Ari Patrinos, Pat Dehmer, and Dennis Kovar, Associate Directors from DOE's Office of Science. A very special safety presentation by Charlie Morecraft on Wednesday turned out to be a cornerstone for discussion on making a personal commitment to working safely for the sake of all those whose

lives are affected by us each day, especially our coworkers and families. The next steps will be to discover what we learned from each other this week and disseminate these good practices.

In addition, Lab management is evaluating the many helpful suggestions received for improvements that will lead to positive changes and prevent accidents. Many of these ideas may take time to implement, but some people

have already improved their workplaces with lab and office cleanup days. Others have made personal commitment statements about what they will do differently from now on to be a safety leadership example.

BNL Director Praveen Chaudhari has expressed his deep gratitude

for everyone's participation in this important event. "We want to be the best Laboratory in the world for the type of research we do," he said, "and that quest for excellence starts with safety."



Roger Stoulenburgh 0171104

James Tarpinian (right), Assistant Laboratory Director for Environment, Safety, Health & Quality, is on the stage at Berkner Hall with Charlie Morecraft, Safety Partnership Week keynote speaker, and Pat Williams, Manager, Safety & Health Services Division.

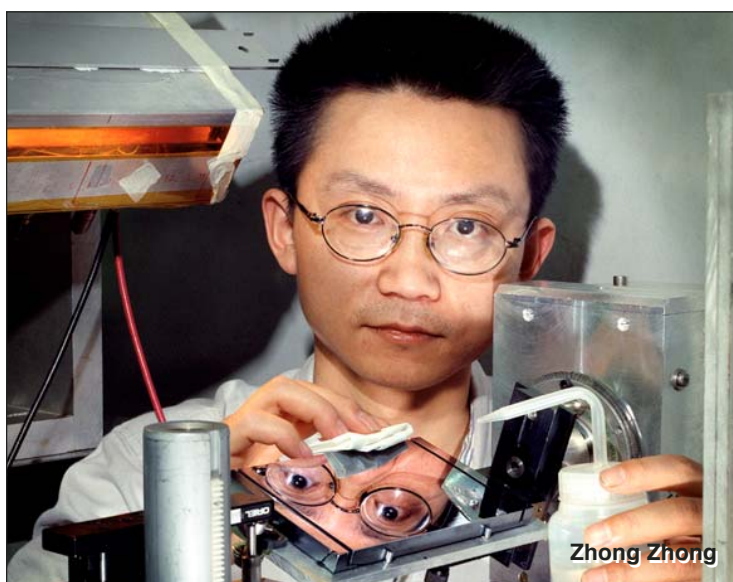
## 399th Brookhaven Lecture: Zhong to Speak on Diffraction Enhanced Imaging, 12/15

**T**o look below the surface of the human body in search of deep-seated injury or disease, today's radiologists use an alphabet-soup of imaging techniques: computerized tomography, or CT; magnetic resonance imaging, or MRI; positron emission tomography, or PET; single photon emission computed tomography, or SPECT; whole body scanners; and ultrasound.

Despite the advancements in non-invasive medical imaging, 80 percent of radiology still involves the well-known x-ray.

But x-ray imaging technology has not changed very much over the past 100-plus years, mostly showing bone much more clearly than soft tissue, such as ligaments, cartilage, or blood vessels.

Now, thanks to researchers working at BNL, x-rays from the National Synchrotron Light Source (NSLS) are being employed in a new, low-dose experimental technique to visualize not only bone, but also soft tissue, in a way that is not possible



Roger Stoulenburgh 00331-01

using conventional x-rays. Called diffraction enhanced imaging (DEI), the technique provides all the information provided by conventional x-rays, plus additional data on soft tissues that were previously accessible only using alternative methods such as MRI or ultrasound.

Zhong Zhong, physicist at the NSLS, co-inventor of DEI, has been developing the technique for nine years. He will discuss DEI at the 399th Brookhaven Lecture, "Diffraction Enhanced Imaging: Seeing X-Rays as One Sees the Light" on Wednesday, December 15, at 4 p.m. in Berkner Hall.

Zhong will be introduced by Steven Dierker, NSLS Chair and Associate Laboratory Director for Light Sources. (continued on page 2)

To dine with the speaker after the talk at a restaurant off site, contact Corinne Messana, Ext. 7398, messana@bnl.gov; or Zhong Zhong, Ext. 2117, zhong@bnl.gov.

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 Recreation Bldg. and at the laundry, both 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

Noon-1 p.m., Brookhaven Center. All faiths are welcome. [www.bnl.gov/bera/activities/choir/](http://www.bnl.gov/bera/activities/choir/).

Mondays & Wednesdays: Pilates

Mon., Noon-1 p.m. in the Rec. Hall; Wed., 5:30-6:30 p.m. in the Rec. Hall. Christine Carter, Ext. 5090.

Mondays & Wednesdays: Yoga

Noon-1 p.m., Brookhaven Center. Free. Ila Campbell, Ext. 2206, [ila@bnl.gov](mailto:ila@bnl.gov).

Mon., Tues., & Thurs.: Kickboxing

\$5 per class. Mon., noon-1 p.m. in the gym; Tues., 5:15-6:15 p.m. in the gym; Thurs., noon-1 p.m. in the gym; Thurs., 5:15-6:15 p.m. in Brookhaven Ctr. North Room. Registration is required. Christine Carter, Ext. 5090.

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

Noon-1 p.m., Brookhaven Center North Room. Adam Rusek, Ext. 5830 or [rusek@bnl.gov](mailto:rusek@bnl.gov).

Tuesdays: Welcome Coffee

10-11:30 a.m., Rec. Hall. First Tuesday of every month is special for Lab newcomers and leaving guests. Cindy Ottemann, 849-2646.

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

Tuesdays & Thursdays: Aerobics

5:15-6:30 p.m., \$5 per class or \$40 for ten classes. 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.

Tuesdays & Thursdays: Jazzercise

Noon-1 p.m., Rec. Hall. Preregistration is required. Christine Carter, Ext. 5090.

Tues., Thurs., Fri.: Upton Nursery School

8:30-11:30 a.m. Rec. Hall. Two- and three-day program avail. 727-8082 or Ext. 5090, for information.

Tues., Wed. & Thurs: Rec Hall Activities

5:30-9:30 p.m. General activities, large-screen TV, ping pong, chess, games, and socializing. Christine Carter, Ext. 5090.

Wednesdays: On-Site Play Group

10 a.m.-noon. Rec. Hall. An infant/toddler drop-in event. Parents meet while children play. Kati Petreckzy, 821-4131.

Wednesdays: Weight Watchers

Noon-1 p.m. Michael Thorn, Ext. 8612.

Wednesdays: Open Chess Night

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

Wednesdays: Dance Lessons

5:15-8 p.m. Brookhaven Cntr., North Room. BNL Ballroom Dance Club hosts lessons, beginner to adv. John Millener, Ext. 3853.

Thursdays: Reiki Healing Class

Noon-1 p.m., Bldg. 211 Conference Rm. Nicole Bernholz, Ext. 2027.

Thursdays: FreshDirect Delivery

3:30-5:30 p.m., Berkner Hall parking lot.

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.,

— THIS WEEKEND —

Friday, 12/10

BSA Distinguished Lecture

11 a.m. Venki Ramakrishnan will speak about the ribosome. Free and open to the public.

International Food Tasting

Noon-1:30 p.m., Rec. Bldg. \$5 per person. Buy tickets from Jen Lynch, Ext. 4894 or [lynch@bnl.gov](mailto:lynch@bnl.gov).

Saturday, 12/11

\*Holiday Dance

8 p.m., Brookhaven Center. The BNL Dance Club will hold a holiday dance with DJ and entertainment. Tickets are \$12. See notice, page 3.

Sunday, 12/12

BERA Sponsors Bus to New York City

9 a.m. Some seats remain on a bus that will leave BNL's B'haven Center for Manhattan and will leave the city at 5:30 p.m. Adults: \$12, children 2-12, \$6. Buy from BERA Store or call Ext. 5090. \$2 per ticket will go to the United Way.

BNL's Office of Educational Programs Receives National, Regional Recognition



Roger Stoudenmire photo

Kenneth White (right), Manager of the Office of Educational Programs (OEP), displays to Lab Director Praveen Chaudhari and Assistant Director for Community, Education, Government, & Public Affairs Marge Lynch, the 2004 Workforce Builders Award given to OEP by the Long Island Works Coalition.

BNL's Office of Educational Programs (OEP) has earned an "out-standing" rating by the Office of Science's Office of Workforce Development, as well as a 2004 Workforce Builders Award from the Long Island Works Coalition, which recognizes local businesses that help build the future workforce of Long Island. In addition to the prestigious DOE-sponsored and regional recognitions, OEP received a very high peer review rating for its directorate, Community, Education, Government, and Public Affairs.

"It's a triple crown of awards in our field," says Kenneth White, OEP Manager. "At OEP, we greatly appreciate having been recognized for this distinction. However, these awards go beyond the scope of OEP. They are a celebration of performance across the Lab. So many BNL people, including a large number of volunteers, make our programs possible."

According to White, BNL employees donate countless hours to OEP's various educational programs both on and off site every year. For example, BNL scientists mentor college-level interns for a 10- or 16-week period in the summers; Lab employees also mentor high school students at various local schools. OEP's annual Elementary Science Fair and the Science Bowl also enjoy the continued dedication of employees from all levels of the Lab.

Comments Lab Director Praveen Chaudhari, "I am delighted by the successful efforts of OEP, and the contributions of the departments and divisions, especially the time devoted by the mentors to ensure that students have a quality experience at Brookhaven."

— Amber Melosi

Gibbs Heads Basic Energy Sciences (cont'd.)

Said Gibbs, "Facilities at Brookhaven — such as the National Synchrotron Light Source, which uses x-rays, infrared and ultra-violet light to study materials as diverse as viruses and batteries, and the soon to be built Center for Functional Nanomaterials — will be crucial for helping to solve our energy challenges."

Doon Gibbs earned a B.A. in physics and mathematics from the University of Utah in 1977, and an M.S. and Ph.D. in physics from the University of Illinois at Urbana-Champaign, in 1979 and 1982, respectively. He joined BNL in 1983 as an assistant physicist and progressed through the ranks to become senior physicist in 2000. Gibbs's managerial experience at the Lab includes the posts of Group Leader of X-Ray Scattering, Associate and Deputy Chair of Physics, Head of Condensed Matter Physics, Interim Director for the Center for Functional Nanomaterials, and, since November 2002, Interim Associate Laboratory Director for Basic Energy Sciences.

Gibbs was honored with the 2003 Advanced Photon Source Arthur H. Compton Award "for pioneering theoretical and experimental work in resonant magnetic x-ray scattering, which has led to many important applications in condensed matter physics." He is a Fellow of the American Association for the Advancement of Science and the American Physical Society.

— Diane Greenberg

399th Brookhaven Lecture (cont'd.)

Zhong is currently responsible for the DEI program, and the high-energy x-ray scattering facility, at NSLS beam lines X15A, and X17B1, respectively.

Zhong earned his B.S. in physics from Beijing University, China, in 1990; received an M.S. in applied physics from Michigan Technological University in 1992; and, in 1996, received his Ph.D. in physics from Stony Brook University.

Flu Vaccination For High-Risk Employees

A few doses of flu vaccine remaining in the Occupational Medicine Clinic (OMC) are available for BNL and DOE Brookhaven Site Office (BHSO) employees considered to be at high risk for flu complications. The at-risk criteria are: 1) age 65 or older; 2) certain medical conditions: chronic heart or lung disease, diabetes, kidney failure/renal insufficiency, immune system disorders, or active cancer; 3) 2nd or 3rd trimester of pregnancy during the flu season.

BNL or BHSO employees who have any of these risk factors and wish to have the flu vaccine should print and fill out the form at <http://intranet.bnl.gov/intranews/vaccine.asp> and submit it to OMC.

BNL regrets that the national shortage of flu vaccine precludes vaccinating those not at elevated risk for flu complications.

BSA Noon Recital: Pianist Igor Lovchinsky, 12/15

Pianist Igor Lovchinsky, who will present the next BSA Noon Recital on Wednesday, December 15, in Berkner Hall, received first prizes at the 2002 Eastman Young Artists International Piano Competition and, most recently, the 2003 Kosciuszko Chopin Competition held in New York City. As winner, he was featured in an all-Chopin concert at the Chopin Memorial in Warsaw, Poland, and gave Kosciuszko-sponsored recitals in New York City, Chicago, Houston, Boston, and other American cities. Noon recitals are free and open to the public. Visitors to the Lab of age 16 and older must carry a photo ID.



New Recipes to Try! BNL Cookbook Sells to Benefit the United Way

This is the time of year when family cooks are in their glory and, in addition to preparing their family's own traditional holiday fare, they often enjoy trying out new recipes. BNL has just made up the first edition of the BNL Cookbook, made up of recipes from the Lab community. So, if you or a friend are ambitious and innovative in the kitchen, here might be just the gift you are looking for. The cookbook, which costs \$10, was sold at the recent Holiday Auction in Berkner Hall to benefit the BNL United Way Fund Drive. To buy a copy now, call Kathleen Gurski, Ext. 4503, or Bruce Style, Ext. 7640.

A sample recipe from the BNL Cookbook, provided by United Way Fund Drive Chair Jim Tarpinian, Assistant Lab Director for Environment, Safety, Health & Quality, follows.

Oyster and Artichoke Soup

Ingredients

- 1/3 stick butter\*
- Pinch of thyme
- 3 bay leaves
- 1 can (14 oz) chicken broth
- 1 pint oysters (preferably small)
- 3 sprigs parsley (chopped)



- 1/2 cup whipping cream\*\*\*
- 1 brunch green onions (chopped)
- Pinch of cayenne
- 2 tablespoons flour
- 1 pint extra oyster water\*\*
- 1 can (14 oz) or 1 pkg. Cooked frozen artichoke hearts (chopped)
- salt (to taste)

\* The original recipe called for 2/3 cup butter, but I have cut it in half with good results, just to reduce the fat. But, if you like butter, go for it!

\*\* Ask for this at your butcher or seafood house or buy it canned in the grocery store if you can find it. Usually I just use another can of chicken broth instead.

\*\*\* If you want to cut the fat, substitute condensed skim milk or just omit this altogether.

1. In a large skillet, melt butter and sauté green onions, thyme, cayenne, and bay leaves at medium heat until onions are soft. (Don't brown the butter)
2. Add flour and stir well with a wire whip until smooth.
3. SLOWLY add chicken broth and oyster water (if used), stirring constantly with the wire whip until blended.
4. Turn down heat just enough to simmer for 15 minutes.
5. Add oysters (with their own water if they are canned), chopped artichoke hearts, and parsley. Simmer an additional ten minutes. Salt to taste.
6. Stir in whipping cream just before serving.

Serves: 6 Preparation: 45 minutes

This is a hearty winter soup. I've found that it pairs well with a light, dry white wine like Fumé Blanc (Dry Sauvignon Blanc). It should also go well with a Pinot Grigio or Pindar Vinyard's Winter White or Autumn Gold.

— Jim Tarpinian

Service Anniversaries

The following employees celebrated BNL service anniversaries during September 2004.

35 Years

James Muckerman ..... Chemistry

30 Years

Thomas Burrows ..... ES&T  
C. R. Krishna ..... ES&T  
Richard Setlow ..... Biology  
Nancy Sobrito ..... HR & OM  
Theodore Ginsberg ..... ES&T

25 Years

Ronald Gill ..... Physics  
Philip Hayde ..... Rad. Ctrl.  
Yousef Makdisi ..... C-A  
Richard Ferrieri ..... Chemistry  
Chuen-Ching Lin ..... ES&T  
Gary Nintzel ..... NSLS

20 Years

Joseph Harder ..... Instrumentation  
Kevin Brown ..... C-A  
Alexander Zaltsman ..... C-A  
Mary Petersen ..... Director's Office  
Richard Jones ..... Plant Eng.

10 Years

Jessica Wilke .... Quality Programs & Services

Service Anniversaries

The following employees celebrated BNL service anniversaries during October 2004.

40 Years

Bill Greenberg ..... Biology

35 Years

Donald Lazarus ..... C-A  
Ronald Picinich ..... Magnet

30 Years

Mark Israel .... Finance Directorate  
John Lee ..... ES&T

25 Years

William Behrens ..... Env. Sci.  
Susan Carlsen ..... N&NS  
Glenn Jochen ..... Magnet  
Richard Biscardi ..... NSLS  
Albert Hanson ..... ES&T  
Salvatore Marino ..... Physics  
John Scheblein ..... Physics  
Venetios Polychronakos ..... Physics  
Jay Adams ..... Env. Sci.  
William Dalton ..... Cent. Fab. Svcs.

20 Years

Gary Gross ..... Dep. Dir. for Ops  
Kathleen Mc Naught ..... SSD  
Richard Miraglia ..... SSD  
Victor Pineiro, Jr. .... SSD  
Joseph Scaduto ..... C-A  
John Mollica ..... Plant Eng.  
Patrick Browne ..... Plant Eng.  
James Desmond III ..... Biology

10 Years

Thomas Kirk ..... Director's Office  
Ana Martinez ..... Staff Svcs.  
Nancy Concadoro ..... Chemistry  
Donald Elliott ..... Instrumentation  
Peder Martino ..... Facilities & Ops.  
Margherita Pirozzi ..... Fiscal

Arrivals & Departures

Arrivals

Dmytro Nykpanchuk ..... CFN  
Xian-Zhi Zhou ..... Biology

Departures

None

# Visitors to BNL Find Education Entertaining

## Students Learn About Geographic Information Systems at BNL



Johan Herrin of Environmental Systems Institute, Inc. explains some of the uses of GIS to Stacie Murphy (left) and Darrianne LaMartz, students of the Victory Christian Academy in East Patchogue.

Students from Suffolk Community College and the Victory Christian Academy in East Patchogue recently learned about geographic information systems (GIS) from BNL researchers and other exhibitors at GIS Day 2004 at BNL. GIS is a system of computer software and hardware that combines information about a place to provide a better understanding of data related to it. GIS uses range from analyzing weather and traffic patterns to assessing environmental damage or viewing similar crimes in a city.

Held as part of the National Geographic Society's yearlong initiative called "Geography Action" and sponsored by the Long Island Geographic Information Systems Users Group, GIS Day at the Lab was part of a worldwide grassroots effort to promote geographic literacy in schools, communities, and organizations. Three exhibits of BNL-based research were: weather data, visualizations of air pollution emissions from measurements taken with equipment aboard a DOE research aircraft, and information on the Lab's natural resources, such as vegetation and animals on site. About 20 other exhibitors, from Brookhaven, Huntington and Southampton Towns to the New York State Department of Environmental Conservation and the Suffolk County Water Authority, were on hand to discuss their displays with students and interested Lab employees.

— Diane Greenberg

## 2004's Seven Summer Sundays Draw 6,000 Visitors to BNL

Each year, Summer Sundays provides a unique opportunity for thousands of visitors to learn about Brookhaven Lab, its people, and research. This year was no exception, as almost 6,000 visitors came on site over the course of seven Sundays. From July 11th through August 22nd, Long Islanders, metropolitan New Yorkers, and people from as far away as Virginia came to BNL to enjoy Summer Sundays' exhibits, the hands-on activities, facility tours, and the Whiz Bang Science Show.

According to the surveys completed by some 1,300 of the 6,000 visitors, people typically enjoyed their day on site, noting: "Wonderful time for the whole family", [It was good to see that your] scientists are so excited about their work," and "Excellent! The staff was great."

While Summer Sundays is organized by the Community Relations (CR) Office in the Community, Education, Government, and Public Affairs (CEGPA) Directorate, "Summer Sundays 2004 would not have been possible without the enthusiastic participation of the more than 250 BNL volunteers who put their time, effort, and heart into showcasing their departments and the



A young visitor at the BNL Fire House



Enjoying the interactive activities of Summer Sundays

Lab," says CR Manager Jeanne D'Ascoli.

Featured were the Lab's Homeland Security research; Biology Department research, Family Fun Day — drawing 1,200 visitors — National Synchrotron Light Source research; the Upton Fore-cast Office of the National Weather Service (NWS); the Plant Engineering (PE) Division, Fire/Rescue Group, and Safeguards & Security (S&SD) Division; and the Relativistic Heavy Ion Collider (RHIC), where the STAR, PHENIX, and PHOBOS experiments and the tunnel were open.

For the past five years, Summer Sundays has been coordinated by Barbara Blenn, CR, who extends special thanks to the facility coordinators who oversaw the details of their department or program's day in the summer spotlight: Mike Furey, Homeland Security; Ann Emrick, Biology; Gail Donoghue, Museum Programs, CEGPA; Lisa Miller, NSLS; Gary Conte, NWS; Lance Warren, PE; John Searing, Fire/Rescue; Rich Rossetti, S&SD; and Yousef Makdisi, RHIC.

— Barbara Blenn with Marsha Belford

To read the complete article on this year's Summer Sundays success, go to <http://intranet.bnl.gov/intranews/summersundays04.asp>.

## In Memoriam

**Joe Chow**, who had come to the Department of Nuclear Energy as an associate metallurgist on January 4, 1956, and had retired, as a metallurgist, on September 30, 1982, died on August 23, 2004. He was 85.

**Albert Lorentsen**, who had joined the Plant Engineering Division as a janitor on April 2, 1962, and had retired as a driver on August 3, 1988, died on October 6, 2004. He was 73.

**Charles Goldstein**, who had joined what is now the Information Technology Division as an assistant mathematician on June 1, 1967, and retired as a senior mathematician on December 31, 1999, died at 63 on October 5, 2004. He had returned to the Lab until 2001 as a guest senior mathematician for the Department of Applied Science.

**Frank Welch**, who had joined the Photography & Graphic Arts (PG&A) Division as a photographic technician II on April 8, 1963, died at 85 on October 10, 2004. After retiring as a senior PG&A specialist on August 15, 1980, he had joined Physics as a guest electrical technician until July 1, 1981.

**Robert Haffer**, who had joined the Plant Engineering Division as a heavy equipment machine operator on November 6, 1978, and had retired on February 29, 1988, died at 79 on October 12, 2004.

**Erno Ostheimer**, who had joined the then Accelerator Department as an intermediate technician on August 5, 1963, and retired as technical associate II in the Relativistic Heavy Ion Collider Project on June 30, 1993, died on November 1, 2004. He was 74.

**John Slavik**, who had joined the Physics Department as an advanced technician on April 9, 1962, and had retired as a technical associate II on December 31, 2002, died at 70 on November 7, 2004.

**Marie Weinmann**, who had joined BNL's Supply & Material Division as a clerk typist on June 13, 1960, and retired as a clerk on March 29, 1974, died at age 88 on November 8, 2004.

### Vehicle Stickers for '05

The yellow vehicle registration stickers currently in use on vehicles belonging to BNL employees, guests, and retirees, will expire at the end of 2004. New vehicle stickers are being issued at Bldg. 30, the Brookhaven Center. Stickers are issued Monday-Friday, 8:30 a.m.-1 p.m. and 2-4:45 p.m. To obtain a new sticker, BNL employees, guests, and retirees must show their BNL ID badge, driver's license, and vehicle registration.

### Holiday Dance, 12/11

The BNL Dance Club will hold a holiday dance tomorrow, Saturday, December 11, 8 p.m.-midnight in the Brookhaven Center. Rudy Alforque will provide DJ music, and a show choreographed by Giny Rae with dancers from the Dance Magic Dancers, the BNL Dance Club, and the Stony Brook Dance Team will be performed.

Tickets cost \$12 per person and can be purchased from John Millener, Ext. 3853; or Rudy Alforque, Ext. 4733. For more information, contact Madeline Windsor, Ext. 5069.

### Reimbursement Account Deadline

**If You Used it, Don't Lose It!**

According to the Internal Revenue Service, contributions to health care or dependent day care accounts not used by the end of the calendar year will be forfeited. So, do not forget to use up balances within all 2004 reimbursement accounts by claiming expenses incurred in 2004. Submit claim forms by March 31, 2005.

### BREA Retirees: 2005 Membership Dues Due

The Brookhaven Retired Employees Association (BREA) asks members and would-be members to send a check for \$10, payable to BREA, to BREA, Bldg. 475C, BNL, Upton, NY 11973. Download membership forms from the BREA website at [www.brea.bnl.gov](http://www.brea.bnl.gov) or call Joyce Tichler, 563-0989, or Dave Cox, 286-9725.

## Calendar

(continued)

— WEEK OF 12/13 —

**Wednesday, 12/15**

**\*BSA Noon Recital**  
Noon, Berkner Hall. Prize-winning pianist Igor Lovchinsky will perform. All are welcome to this free concert. See page 2, top.

**BREA Monthly Business Meeting**  
Noon-1 p.m. Bldg. 475C, Conference Room 107. All are welcome to attend the Brookhaven Retired Employees Association meeting. Joyce Tichler, [tichler@bnl.gov](mailto:tichler@bnl.gov).

**Brookhaven Lecture**  
4 p.m., Berkner Hall. Zhong Zhong, National Synchrotron Light Source Department, will talk on diffraction-assisted x-ray imaging. See story, page 1. All are invited. Refreshments are offered before and after the talk.

**Friday, 12/17**

**\*BERA 3rd Annual Holiday Party**  
6-11 p.m. at East Wind Caterers, Wading River. See details, page 4.

**Saturday, 12/18**

**\*Holiday Potluck, Santa Visit**  
5 p.m., Recreation Hall. The BNL Hospitality Committee invites all to a holiday potluck dinner. See page 4.

— WEEK OF 12/20 —

**Thursday, 12/23**

**Lab Closed Half Day**  
12:30 p.m. The Lab will close in observance of Christmas Eve.

**Friday, 12/24**

**Lab Holiday**  
The Lab will be closed in observance of Christmas Day. No Bulletin this week.

— WEEK OF 12/27 —

**Monday, 12/27**

**IBEW Meeting**  
6 p.m. Centereach Knights of Columbus Hall, 41 Horseblock road, Centereach. 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.

### BNL Holiday Schedule

Christmas Eve (1/2 day)	12/23/04*
Christmas Day	12/24/04*
New Year's Day	12/31/04*
Floating Holiday	1/17/05
(Martin Luther King Jr. Day)	□ □
Presidents' Day	2/21/05
Memorial Day	5/30/05
Independence Day	7/4/05
Floating Holiday	7/5/05
Labor Day	9/5/05
Veterans Day	11/11/05
Thanksgiving Day	11/24/05
Day After Thanksgiving	11/25/05
Christmas Eve (1/2 day)	12/23/05*
Christmas Day	12/26/05*

*\*The dates listed above are the days that the holidays will be observed at BNL.*

### Volleyball Standings

(W-L) as of 12/6/03

<b>Open League A</b>	
UCB Roof Co.	34 - 6
EZ Pass	29 - 11
Jet Setters	9 - 31
Far Side	8 - 32
<b>Open League B</b>	
Shankadelic	18 - 3
Easy Spikers	16 - 5
Late Entry	12 - 6
PHENIX Fire	6 - 12
Setting Ducks	6 - 15
What Ball, Where?	2 - 19
<b>Mixed League 2</b>	
Nuts and Bolts	16 - 8
Ball Hogs	16 - 8
New Blood	14 - 10
Another Round	12 - 12
Goodtimers	8 - 16
Court Jesters	6 - 18
<b>Mixed League 3</b>	
Upton Ups	30 - 5
Last Minute	23 - 12
Newbies	15 - 20
Volley of the Dolls	2 - 33

## 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. MK4444. ASSISTANT PHYSICIST POSITIONS (S-1) – Requires a Ph.D. in physics and experience in lattice gauge theory. Positions are with the newly established Lattice Gauge Theory Group. We expect to have two positions available at the Junior Staff level. Appointments for these tenure track positions will be made initially for 2 years. One position will start during the first half of 2005. The other will be available in autumn of 2005. Applicants are expected to have a prominent research record in lattice gauge theory and should have experience in numerical studies of QCD. Successful applicants are expected to contribute to the coordination supervision of the research program of the lattice gauge theory group. Interested candidates should send a *curriculum vitae* and a list of publications and arrange to have three letters of recommendation sent to: Dr. Frithjof Karsch, Group Leader, c/o Dr. P. Petreczyk ([petreczyk@bnl.gov](mailto:petreczyk@bnl.gov)), Physics Department, Bldg. 510, Brookhaven National Laboratory, Upton, NY 11973-5000.

MK3333. POSTDOCTORAL RESEARCH ASSOCIATE POSITIONS – Requires a Ph.D. in nuclear or high-energy physics with experience in lattice gauge theory and numerical analysis. Previous work in finite temperature QCD is highly desirable. This position is with the newly established Lattice Gauge Theory Group. Appointments will be made initially for 2 years. One position will start during the first half of 2005. The others will start in autumn of 2005. Successful applicants are expected to contribute to the research of the group on topics in lattice regularized field theory. Interested candidates should send a *curriculum vitae* and a list of publications and arrange to have three letters of recommendation sent to Frithjof Karsch, Group Leader – c/o P. Petreczyk ([petreczyk@bnl.gov](mailto:petreczyk@bnl.gov)) Physics Department – Bldg. 510, Brookhaven National Laboratory, Upton, NY 11973-5000.

MK3551. POSTDOCTORAL RESEARCH ASSOCIATE – Requires a Ph.D. in theoretical elementary particle physics. The High Energy Theory Group expects to have at least one research associate position available beginning October 1, 2005. The High Energy Theory Group has active programs in electroweak physics, collider physics, perturbative QCD, spin physics and lattice QCD. Under the direction of M. Creutz, Physics Department.

CHEMIST - National Institutes of Health (NIH) Intramural Program at Brookhaven National Laboratory (BNL). The BNL Center for Imaging & Neuroscience has an immediate opening for a NIH-funded chemist. The chemist will work with the neuroimaging sciences group at BNL in imaging studies involving Positron Emissions Tomography (PET). These studies focus on functional, neurochemical and pharmacological aspects pertaining to substance abuse, neuropsychiatric diseases, oncology, and aging. The chemist will be responsible for synthesis and quality control of radiopharmaceuticals labeled with isotopes of short half-life for the PET Program. The position involves routine performance of radiotracer synthesis, chromatography and analysis as well as troubleshooting and repairing simple electronic and mechanical instruments. Meticulous laboratory technique and documentation is also required. The BNL Center for Imaging & Neuroscience is equipped with state-of-the-art equipment including two PET scanners, one micro-PET scanner, and three cyclotrons. The imaging program is dynamic and progressive and provides opportunities for innovation, clinical, and laboratory research. This position requires a BS or MS in chemistry, engineering, or equivalent. Employment is contingent upon the successful completion of a DEA background check. The selected candidate will be an employee of the NIH. Resume and letter describing interest, background, and qualifications should be sent to: Ms. Kathleen Hanratty, Room 1B5B/Building 31, 31 Center Drive, Bethesda, MD 20892-2008; [kh54d@nih.gov](mailto:kh54d@nih.gov).

TB2885. STAFF SPECIALIST (A-6) – Requires a bachelor's degree in a relevant field or equivalent experience, or an equivalent combination of education and experience. Requires at least 4 years' demonstrated experience in managing a Requirements Management Process or equivalent experience, the ability to attain a working knowledge of the process involved in the development of a law, and the DOE Directives Management Process. Demonstrated ability to manage multiple process elements simultaneously, excellent interpersonal and facilitation skills, and the ability to train staff and work with senior management required. Will be responsible for the modification/management and ownership of BNL's Requirements Management Process, evaluating, interpreting and summarizing interim, proposed and final laws/regulations, and DOE Directives for applicability and impact. Quality Management Office.

TB4196. PRINCIPAL TECHNICIAN (TW-4, term appointment, ERAP eligible - \$500) – Requires a bachelor's degree in a physical science (physics, chemistry, engineering), or equivalent experience, excellent communication skills, and a demonstrated ability to learn operate complex apparatus and computer software. Experience in the operation of UNIX computer operating systems and in electromechanical debugging and troubleshooting is desirable. Under minimum supervision, will assist users of the NSLS in the execution of x-ray diffraction experiments. Responsibilities include the maintenance and repair of apparatus, as well as the performance of routine computer operations. Biology Department.

TB3480. SR. OFFICE SERVICES ASSISTANT (CW-3, part-time, 50 percent) – Requires at least five years' travel experience including three years of SABRE proficiency. Will be responsible for providing cost-effective travel arrangements in accordance with Laboratory policies and procedures, the DOE prime contract, the Airlines Reporting Corporation (ARC) and the International Air Transportation Association guidelines (IATA). Will also be responsible for confirming reservations for the BNL traveler and guest for airline, rail, bus, ferry, housing accommodations, car rentals and package tours. Fiscal Division.

### Motor Vehicles & Supplies

03 CHEVROLET AVALANCHE - 8.1 liter V-8, gry metallic/ gry leather, m/roof, loaded. 5yr/50k full warr. 18K mi. \$30,000. 921-5189.

01 CHEVROLET LS BLAZER - White 4x2, 6-cyl., ac, 2dr, m/roof, al pwr., c/c, cd, abs, a/t, 88K mi. \$8,500/neg. Ext. 4705 or 929-4978.

01 HYUNDAI TIBURON - loaded, 40K mi., black, 10-yr/100K mi. ext. warr., must see, \$7,800 neg. Diane, 849-3458.

99 FORD WINDSTAR LX - a/t, a/c, p/b, p/w, c/c, 3.8L, orig. owner, well maint., v.gd. cond. 96K mi. \$4,200/neg. Ext. 3222 or 929-4101.

99 MERCEDES-BENZ E320 - All whl. dr., tan, leather int., s/roof, Bose sound, loaded, mint. 73K mi. \$21,500. Ext. 5896 or 744-0960.

96 TOYOTA CAMRY - excel. cond., original owner, 4dr., a/t, a/c 40K on dealer rebuilt eng. \$6,200. Sharon, 821-1999.

96 MITSUBISHI ECLIPSE - New motor/trans., 17 in. rims, new parts/extras, needs some body work. \$1,950/neg. 523-7830.

95 VW GOLF GL III - 4dr., 2L, 5-spd., hbk., a/c, am/fm/cass, s/roof, 128K mi. gd. cond. \$2,790/neg. Gabor, Ext. 8229 or 857-891-8837.

92 HONDA CIVIC - 4-dr., 5-spd., a/c, air bag, am/fm, good cond, orig. owner. 83K mi. \$2,300. Paul, Ext. 5062 or 804-6896.

92 NISSAN STANZA - 4-dr., a/c, abs, a/t, p/s, p/l, p/w, avail. 12/13/04. 123K mi. \$2,000/neg. Gabriele, Ext. 4393 or 347-993-2085.

91 HONDA CIVIC - Just inspected, 4 new tires. 125K mi. \$1,500. Richard, Ext. 7975 or 331-0245.

91 GMC JIMMY S-15 - 4dr. 2wd, abs. fair cond., runs well. 70K mi. \$1,300/neg. William, Ext. 3748.

90 TOYOTA COROLLA - 4-cyl., 4-dr., a/t, a/c, am/fm/cd, no-rust body, runs well, 180K mi. \$600. Patricia, 399-0110.

87 DODGE DIPLOMAT - 8-cyl., 4dr., a/c, am/fm, a/t, c/c, p/b, p/s, p/w, tapedeck, wh.-w/red roof. 145K mi. \$650/neg. Susan, Ext. 7647.

85 HONDA VF700C MAGNA - Excel. cond. W/shield, saddle bags, hwy pegs, pics. avail. 35K mi. \$1,250/neg. 516-903-2452.

WHEEL RIMS - Chrome, 20 in., Universal "Brazen", tires included. Used one summer. \$1500/neg. Mary, Ext. 6344.

### Furnishings & Appliances

4-BURNER ELECTRICAL STOVE - In great condition, clean and shining, asking \$50. You pick up. Ext. 5889.

DINING ROOM SET - Basset, oak oversized hutch, lg. table, 2 leaves, & 4 chairs, excel. cond., \$350 obo. Fran, Ext. 2551.

DISH WASHER - In good condition, \$30. Ext. 5889.

ENTERTAINMENT CTR, WALL OVEN - oak center w/glass drs, up to 27" TV., \$450. GE oven 24" \$125. Ext. 7459 or 929-19981.

FOOD PROCESSOR - Black & Decker Short Cut, excel. cond. \$10. Lloyd, Ext. 5225.

FURNITURE - For child: desk w/chair, \$20; 4-drawer dresser, \$15. Joanne, Ext. 8481.

TODDLER BED & MATTRESS - excel. cond. \$20. John, Ext. 4028.

VERTICAL BLINDS - 2 embossed, PVC/beige w/dbl valence, 112x73, \$30 ea. 208-0196.

### Audio, Video & Computer

COMPUTER MONITOR - 17" Dell monitor \$40. Warren, Ext. 2080 or 751-5245.

COMPUTER SPEAKERS - and monitor, both excellent, \$10 each. John, Ext. 4028.

VCR - Brooksonic VCR, excel. cond. \$10. Lloyd, Ext. 5225.

### Sports, Hobbies & Pets

DOG - Golden retriever, 1 yr. old, pics on [www.wjappe.com](http://www.wjappe.com). \$100. Warren, Ext. 2080 or 751-5245.

KARATE KICK BAG AND STAND, - helmet, gloves, foot covers, child size M/L. \$40. Linda, Ext. 5567.

PAINTBALL PACKAGE - Tippman 98 Custom & all access., plus more. Call after 6:15 pm. Michael, 286-8380.

TREADMILL - Proform 785PI (interactive). Excel. cond., hardly used. \$350. 208-0196.

### Miscellaneous

CASH REGISTER - Panasonic electronic Point of Sale Terminal w/Operator Instrument. Model JS-4610. Ask \$315. Ext. 7459.

CRAWLER/TODDLER TOYS - many; infant bedding, e.g. Bear Express Crib set, more. John, Ext. 7018 or 474-3033.

LUGGAGE SET - 4 pc., never used, tags still on, handles, wheels, expandable, best offer. Salvatore, Ext. 3749.

PDC SPA - Fiji Ultra, seats 8, cedar cabinet, motion-glow int. lgt., ext. lgt., stereo w/cd changer, orig. \$12,000, ask \$6,500. 208-0196.

SNOW VILLAGE - Dept. 56., 100 lighted houses, many accessories. All different prices. 473-0959.

### Yard & Garage Sales

MT. SINAI - H/hold goods, books, records, toys, clothes, 12/12, 10 a.m.-3 p.m., 52 Mt. Sinai Ave. 928-4103 (day of sale). Ext. 7787.

### Happenings

'APOLOGY OF SOCRATES' - A theatrical performance starring Emmy award winner Y. Simonides. SBU. SAC. 473-5220.

ENGAGEMENT - Congratulations to Kim Nekulak and Chris on their engagement. We wish them a lifetime of happiness. Friends at the Brookhaven Site Office, Ext. 3427.

### Free

FLOOR TILES - 80 sq. ft. of brown; 50 sq. ft. of white wall tiles (4 in sq). Bob, Ext. 4326.

### Lost & Found

FOUND: GOLD EARRINGS - John, Ext. 7268.

### For Rent

BELLPORT - bdrm. avail. in a fully furn. 3-bdrm. 2-bath house, outdoor jacuzzi, avail. short or long term from 1/10 to 6/30. \$600/mo./neg. Giuseppe, Ext. 2008 or 806-4935.

BELLPORT VILLAGE SOUTH - charming older Bellport House, 3 bdrms., upgr. eik, full d/r, l/r & sitting rm, f/p, winter rental, 12/1-6/30. \$1,500/mo./neg. Sandy, 201-314-7760.

BROOKHAVEN - room for rent in charming house, use of kitch., d/r, bsmt., TV, washer, dryer, fridge, 9 mi. to Lab, util. incl. \$450/mo. Sidney or Sergey, 286-4028.

MEDFORD - 1 bdrm. w/full bath, sep. ent. and thermostat, util & cable inc., no smoking/pets. 15 min to BNL. 1 mo. sec., single pref. \$800/mo. Betty, Ext. 3562 or 758-2653.

PATCHOGUE - 2-bdrm. apt., l/r, 1-1/2 baths, priv. ent., 5 min. to Davis Park ferry & LIRR; 20 min. to Lab., water & elec inc., ref., sec. req., no smoking/pets. \$1,300/mo. 654-5949.

RIDGE - Mint 2-bdrm house on main floor, 3 miles north of Lab. No pets, non-smoker, utilities incl. Available now. \$1,230/mo. Casper, Ext. 3469 or 678-6456.

COROLLA, NC - Priv. home, 2 min. walk to lake, 5 min. to ocean, 5 bdrm/3bth, pool, hot tub, billiard rm, see [www.family-vacation-homes.com](http://www.family-vacation-homes.com) \$2,795/mo. Carrie, Ext. 2746.

MYRTLE BEACH, SC - 2-bdrm., (4 beds), 2.5-bath Townhouse on golf course in Little River, SC., community pool. \$435 - \$700/wk or \$700-\$1,300/mo. Chris, 474-4994.

### For Rent or Sale

Wading River - 3-bdrm, newly renovated house near private beach, for sale or rent \$400K or \$2000/mo. Very private, 15 min to Lab. Bright, airy, open floor plan. 929-0163.

### For Sale

MILLER PLACE, NY - beach community, new 4 bdrm, 3 bth, gar, bsmt., f/p, c/a/c, corner lot, 1 block to beach. \$550,000. 821-2558.

RIVERHEAD, NY - 3-bdrm. ranch, eik, lg. l/r, pergio flrs., w/d, full bsmt., 5 finished, oil, tax: \$3,700 incl. water/ garbage, 1 car attached gar., more. \$389,000 Charlie, 680-8184.

### In Appreciation

My family and I want to thank all my friends and co-workers for their kindness and support during the passing of my father, Joseph.

— Joseph Fortunato

I thank everyone for all the luncheons, kind words, and well wishes during my send-off. Thank you for making my farewell so special. I'll miss you all.

— Tina Byrd

To all my friends at BNL: Thank you for your kindness and support after the sudden passing of my dear brother, Alan Nichol森. It was deeply appreciated.

— Joyce Fortunato

## Shop at BNL's Science Store

The BNL Science Museum store is open today, Friday, December 10, and next Friday, December 17, noon-2 p.m., with science-based gifts for the whole family. As a bonus, experience exhibits such as the new 3D Visualization Theater.

## Upcoming Financial-Planning Sessions

### TIAA-CREF Retirement Counseling, 12/10, 14, 15, & 21

A TIAA-CREF consultant will visit BNL on Friday, December 10; Tuesday, December 14; Wednesday, December 15; and Tuesday, December 21; to answer employees' questions about financial matters.

Sessions will help you to: understand the importance of protecting your assets against inflation, find the right allocation mix for you, learn about TIAA-CREF retirement income flexibility, and compare lifetime income vs. cash withdrawal options. For an appointment, call Duane Walden, (800) 842-2733, Ext. 7289.

### Fidelity Investment Counseling, 12/17

A Fidelity Investment representative will be at the Lab on Friday, December 17, to hold sessions with individual employees interested in learning more about their retirement-savings and investment options. Schedule one of the 45-minute appointments by calling (800) 642-7131.

## BNL Basketball is Back

A BERA-sponsored pre-season "just for fun" men's basketball tournament will take place on Thursday, January 13. The tournament format will be double elimination or round-robin, four-on-four, games to seven, on the short full-court gym, with a champion being decided by the end of the night or on the following Thursday, January 20. BNL departments and divisions are invited to enter a 4-man team by January 7. Individuals are encouraged to enter as well, and will be assigned to a team.

BERA will provide free refreshments. To register, contact Jim Desmond, Ext. 4837, [desmond@bnl.gov](mailto:desmond@bnl.gov); or Bill Gunther, Ext. 7961, [gunther@bnl.gov](mailto:gunther@bnl.gov).

## BERA Body-Building Club

The BERA Body-Building Club membership dues for calendar year 2005 are now due. To join the club, make your \$25 check payable to BERA Bodybuilding Club, and send it to Elliott Levitt, Bldg. 134A. Be sure to include your life number, phone extension, and e-mail and/or BNL mailing address. Your membership will not be completely processed if any of the requested items are omitted. Payments will be accepted through BNL or U.S. Postal Service mail only.

Says club president Charles Gardner, "Now is the time to join the club. Achieving your personal fitness goals has never been more convenient. This facility is state-of-the-art and we have enough equipment to meet the needs of most fitness enthusiasts."

For more information about the club, visit [www.bnl.gov/bera/activities/bodybldg/](http://www.bnl.gov/bera/activities/bodybldg/).

## Roll Up Your Sleeve: Blood Drive, 12/21



To replenish Long Island's blood supply, BNL is holding a blood drive on Tuesday, December 21, from 8:30 a.m. to 4 p.m. in the Brookhaven Center. Donors must be from 17 to 75 years of age, in good health, and weighing over 110 lbs. Donors should have photo identification and know their social security number.

To make an appointment, contact Susan Foster at Ext. 2888 or e-mail [donateblood@bnl.gov](mailto:donateblood@bnl.gov). In your message, include your name, phone extension, and preferred time to donate.

## 3rd Annual BERA Holiday Party, 12/17

Purchase tickets now at the BERA Store for the 3rd Annual BERA Holiday Party, which will be held on Friday, December 17, from 6 to 11 p.m., at East Wind in Wading River. Tickets cost \$50 per person and include a five-hour open bar, *hors d'oeuvres*, full dinner buffet, dessert, and DJ entertainment. For more information, contact Christine Carter, Ext. 5090.

## Donations Needed: Food, Clothing, Toys

The United Way Volunteer Program is collecting toys, food, and clothing that will be distributed to many local United Way agencies. Collection bins are located in Berkner Hall near the BERA store; in the Bldg. 179B lobby, and at the Teachers Federal Credit Union. BNL volunteers are also needed to deliver these items. Those who volunteer in this way will be credited with United Way volunteer hours. United Way agencies can also use "free turkey" store coupons. If you have a coupon to donate, deliver it to Beth Blevins, Bldg. 860, or Joanne Rula, Bldg. 179B.

## Holiday Potluck Dinner, Santa Visit, 12/18

The BNL Hospitality Committee invites all BNers to a holiday potluck dinner in the Recreation Hall at 5 p.m. on Saturday, December 18. Bring a dish to share for six people. Santa will visit at 5:30 p.m. For more information, contact Cindy Ottemann at 849-2646 or [cjottabb@optonline.net](mailto:cjottabb@optonline.net).