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photos by Roger Stoutenburgh 0029

## Lab Community Welcomes New Director Praveen Chaudhari

**H**undreds of BNers came to meet and welcome the Lab's new Director, Praveen Chaudhari, at a reception held 4-7 p.m. at Berkner Hall on Friday, May 2. During the event, Chaudhari expressed his pride in, and admiration of, the accomplishments at BNL, where, for example,

scientists had received several high honors in the past week, and his appreciation of the contributions of all BNL staff. "We are all one," he said — emphasizing that all employees are essential members of the united "Brookhaven National Laboratory" of which he is now Director.

## BNL Highlights From American Physical Society's April Meeting

**M**any of the talks and announcements at the American Physical Society (APS) meeting held in Philadelphia April 5-8 were of particular interest to BNL. They include the following highlights:

- William Willis of Columbia University and the BNL Physics Department won the Panofsky Prize (story below).
- The Division of Particles & Fields (DPF) divisional meeting, held jointly with the APS meeting, was chaired by Sally Dawson, Physics Department. At the DPF meeting, several BNL physicists gave talks, one of which, by Milind Diwan, is summarized below, and two more of which, by William

Kilgore and William Marciano, will be featured in a future Bulletin. Many non-BNL members of the PHENIX, STAR, and PHOBOS experiments at the Relativistic Heavy Ion Collider (RHIC) also gave talks.

- BNL's Mark Sakitt assumed the Chair-elect position of the Forum on Physics and Society, an APS division organized in 1971 to address issues related to the interface of physics and society as a whole. Sakitt, who works on RHIC physics in the Physics Department, has led the Nonproliferation & National Security Department's Center for International Security Studies since it was established at BNL in 1998.

— Liz Seubert

## William Willis Wins W.K.H. Panofsky Prize

**W**illiam Willis, Physics Department, has won the American Physical Society's (APS) 2003 W.K.H. Panofsky Prize in Experimental Particle Physics. He received the prize, which consists of \$5,000 and a certificate citing his contributions to physics, at the APS meeting in Philadelphia on April 6.

The award citation credits Willis "For his leading role in the development and exploitation of innovative techniques now widely adopted in particle physics, including liquid argon calorimetry, electron identification by detection of transition radiation, and hyperon beams."

"These techniques were developed with colleagues at Brookhaven, and I am grateful for the Lab's support of these unusual ideas," said Willis.

In the 1960s, physicists measured the energy of high-energy particles by absorbing radiation inside a large block of steel, an instrument called a calorimeter.

In the 1970s, Willis saw the need to measure the energy flow of all the particles from new colliding beam accelerators to find the origin of weak interactions, one of the four forces of nature. Willis, with BNL Instrumentation Division Head Veljko Radeka, divided the block of steel into many pieces and filled gaps in it with liquid argon to detect radiation, which is transformed into electrical



William Willis

Roger Stoutenburgh 02720403

The innovation made possible measurements at higher energies than with other techniques.

The strange version of the nucleon with negative charge, the sigma minus hyperon, was discovered at BNL in 1953. The particle decayed after traveling about an inch, allowing its study only in detectors like the cloud chamber used in the discovery. Einstein predicted that the decay time for a fast-moving particle would be slower than for a slow-moving particle. In the early 1970s, Willis proposed to take advantage of this effect to create an actual beam of hyperons, using the high energy of the AGS.

Willis earned a B.S. and Ph.D. in physics from Yale University, in 1954 and 1958, respectively. He joined the Lab as an assistant physicist in 1958, then moved on to Yale in 1965, where he joined the physics faculty.

From 1964 to 1983, he retained an appointment as guest physicist at BNL. He joined CERN, the European physics laboratory, in 1973, then moved to Columbia University as Eugene Higgins Professor of Physics in 1990. In that same year, he was appointed a BNL senior physicist.

He is currently project manager for the U.S. ATLAS collaboration, working with the ATLAS experiment at the CERN Large Hadron Collider.

— Diane Greenberg

## Neutrino Morphing Over Distance

**A**t the Division of Particles & Fields meeting on April 7, Milind Diwan, Physics Department, gave a talk prepared by himself, Stephen Kahn, Magnet Division, and Zohreh Parsa, Physics, on a proposed very long baseline experiment with a super neutrino beam.

From evidence observed in several experiments started by BNL's Raymond Davis in his Nobel Prize-winning research on solar neutrinos, neutrinos, ghost-like particles produced in nuclear reactions, are believed to oscillate or transform between the three types of neutrino: electron, muon, and tau. The proposed experiment would look specifically at how muon neutrinos morph into electron neutrinos.

Said Diwan, "While we have inferred that neutrinos must be oscillating, we have never really seen an actual oscillation. The intent of this project is to actually create the oscillating pattern in a laboratory."

To do this, Diwan said, "we need to send the beam a distance that is greater than 2,000 kilometers (km) from source to detector."

By serendipity, the distance between BNL and the Homestake mine in South Dakota, the very place where Ray Davis performed his famous solar neutrino experiments, is 2,540 km.

"The proposed experiment could use BNL's Alternating Gradient Synchrotron, upgraded, as a unique single-neutrino-beam source that will allow us to measure neutrino oscillation very precisely," Diwan said. (continued on page 2)



Roger Stoutenburgh 0N10-6-01

Milind Diwan



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 or Hall (Rec. Hall) is located in the apartment area.
- Contact names are provided for most events for more information.
- Calendar events flagged with an asterisk (\*) have an accompanying story in this week's Bulletin.

— EACH WEEK —

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. Christine Carter, Ext. 2873.

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. Hall. Hospitality event. Come and meet friends. The first Tuesday of every month is special for Lab newcomers and leaving guests. Hospitality Chair Monique de la Beij, 399-7656.

Tuesdays: BNL Music Club

Noon, North Room, Brookhaven Center. Come hear live music. Joe Vignola, Ext. 3846.

Tuesdays: Singles Club

12:30-1:30 p.m., Berkner Hall. Contact: Jean, Ext. 4391.

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

Tuesdays & Thursdays: Aerobics

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

Tuesdays & Thursdays: Aqua Aerobics

5:15-6:15 p.m. Christine Carter, Ext. 2873.

Wednesdays: On-Site Play Group

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

Wednesdays: Science Education Forum

Every other Wednesday, Noon-1 p.m., Bldg. 438. Join a discussion on interesting issues in science education. Refreshments will be provided. Bring your own lunch. Brian Murfin, Ext. 7171.

Wednesdays: Weight Watchers

Noon-1 p.m., Brookhaven Center South Room. Michael Thorn, Ext. 8612.

Wednesdays: Yoga Practice

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

Wednesdays: Open Chess Night

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

Wednesdays: Exercise 101

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

Wednesdays: Dance Club Group Lessons

6-9 p.m. North Ballroom, Brookhaven Center. Series 4 lessons started 4/9. 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

6-9 p.m. North Ballroom, Brookhaven Ctr., dance lessons, 9-11:30 p.m. general dancing. Rudy Alforque, Ext. 4733, [rudy@bnl.gov](mailto:rudy@bnl.gov).

Fridays: Jiu Jitsu Club

6-7 p.m. in the gym. All levels, ages 6 and above. \$10 per class. Tom, Ext. 4556.

May is Asian Pacific American Heritage Month

For a complete list of events commemorating Asian-Pacific American heritage, see [www.apaa.bnl.gov/apahm.htm](http://www.apaa.bnl.gov/apahm.htm).

— TODAY —

Friday, 5/9

Hospitality Committee Salad Bar Dinner

6 p.m., Rec. Hall. BNL's Hospitality Committee invites all visitors, guests and their families to the salad bar dinner. Everyone should bring two (or more) of their favorite salad ingredients, enough to feed 6-8 people. Please do not mix the ingredients in advance. Bread, dressing/vinaigrette, greens, and drinks will be supplied. Monique de la Beij, 399-7656.

Jill Clough-Johnston Joins BNL as Small Business Liaison Officer



Roger Stoudenbough 02570403

Jill Clough-Johnston has been named the Small Business Liaison Officer in BNL's Procurement & Property Management Division, effective March 31. She was formerly a procurement specialist for the Long Island Development Corpora-

tion's Procurement Technical Assistance Program in Bethpage.

In her new position, Clough-Johnston directs and administers the Lab's small business program in accordance with its contract with DOE. During the current fiscal year, BNL has subcontract procurement goals of: 55 percent to small businesses, including 5 percent to disadvantaged businesses; 5 percent to women-owned businesses; 3 percent to historically underutilized businesses, known as HUB-Zone businesses; and 1.5 percent each to veteran-owned businesses and disabled veteran-owned businesses.

BNL purchases a wide range of supplies and services, including architectural and engineering services, computers and computer maintenance, construction and construction materials, office supplies, pharmaceuticals and biological agents, electronic equipment, recreational equipment, research and development services, safety equipment, transportation, testing services, and training services.

"I am in the process of setting up several workshops for the Laboratory, to act as 'matchmaking' tools — matching our pro-

curement needs and the buyers with the appropriate small businesses," said Clough-Johnston. "I will be training the procurement staff on why and how to use various types of small businesses, when buying commodities and/or services for the Lab in a way that meets our subcontracting goals as specified in our contract with DOE."

After working in several sales and administrative positions on Long Island from 1971 to 1973, Clough-Johnston took a clerical job at Grumman Aerospace Corporation in 1974, and eventually was promoted to senior buyer. She left Grumman in 1984 to become a consultant in subcontract management for Aeroflex Systems, a position she held until 1986.

Also in 1986, she earned a B.S. in business administration from Adelphi University, and, for 17 years afterwards, held subcontract administrator positions at several defense contractors in the metropolitan New York area. In 1995, she joined the Long Island Development Corporation (LIDC) in Bethpage, where she was a procurement specialist and assistant director. Simultaneously, in 1999, she became technical coordinator for the Long Island Business Assistance Corporation, which is affiliated with LIDC, positions she held until joining BNL. — Diane Greenberg

New ASAP Lounge Opens Today, 5/9

From today on, when the rest of BNL goes home to relax, students and post-docs who live on site will also have a place to go. The opening of the new lounge for the Association for Students and Post-docs (ASAP) will be held in Bldg. 750, 3-4 p.m., today, May 9. All students and post-docs at BNL will be welcome to socialize in the lounge, after their badges are activated at the NSLS or AGS/RHIC Users' offices. For more information, call Chris Carter, Ext. 5090.



Cellist, Pianist, 5/21

Tomoko Fujita and Kimball Gallagher, cello and piano, will give the BSA noon recital on Wednesday, May 21, in Berkner Hall. All are welcome. Fujita, daughter of BNLers Etsuko and Masaki Fujita, has performed in Alice Tully Hall and the Weill and Merkin Recital Halls, in New York City, and many other venues.

Retirement Counseling

A TIAA-CREF representative will visit BNL on Friday, May 30, and Friday, June 6, 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. For a 45-minute appointment, call Wanda Exekiel, (800) 842-2733, Ext. 2235 (*not* the on-site Ext. 2235).

Arrivals & Departures

Arrivals

Susan Hatzel ..... NSLS  
Mamta Naidu ..... Biology  
Andrew Seelin ..... Staff Svcs.

Departures

Robert Caulfield ..... Staff Svcs.  
Doan Hansen ..... NNS  
Arthur Mango ..... Physics  
Pavel Poliakov ..... Chemistry  
Dianne Polowczyk ..... OMC  
Betty Rollins ..... Staff Svcs.  
Christopher Salat ..... C-A  
Arnold Stillman ..... Physics  
William Von Elm ..... Reactor Ops.  
Dmitri Zamiatkine ..... Biology  
Qiang Zhao ..... Instrumentation  
Minghui Yu ..... Materials Sciences

PeopleSoft Financials to Upgrade Some systems will be affected May 15, 16, and 19

The Business Systems Division (BSD) will make a major upgrade to PeopleSoft Financials this month, moving from Version 7 to the new Version 8.4.

Said Michael Dooling, who heads BSD, "There are enhancements in almost all areas of the system, but the most visible change will be a web-based user interface. This is identical to the interface for the Human Resources portion of PeopleSoft. This major improvement was provided by PeopleSoft at no cost beyond normal annual support charges."

To make the change, Dooling said, the system will be shut down at 5 p.m. on Wednesday, May 14. "We will be running conversion programs continuously from that evening and through the weekend of May 17. Monday, May 19 will be used for final testing and the new system will be fully available at 8:30 a.m. on Tuesday, May 20," he said.

Dooling explained that during the three working days that PeopleSoft will be unavailable: May 15, 16, and 19, Fiscal, Budget, and Purchasing will handle emergency transactions manually. However, if possible, items like WebReqs, Journal Entries, Invoice Approvals, and Budget transactions should be made either before or after the shutdown period.

Business systems that will not be affected during the upgrade are: HR/Payroll, Guest, Travel, Training, Labor Cost Distribution (LCDS), Housing, and Plant Engineering's MP2 Work Order System. Financial reports and queries will be able to be viewed, but no data will be able to be updated during the shutdown period.

BNL's PeopleSoft Financials environment is composed of eight integrated modules: Asset Management, Budgeting, General Ledger, Inventory, Payables, Projects, Purchasing (including WebReq), and Receivables. It includes thousands of database tables and millions of lines of programming code, which is why the upgrade will take several days.

"Preparation for this upgrade has been intense," commented Dooling. "Key users and department administrators have been trained and have given valuable help and feedback to the project team. We expect that the new version will come up live on May 20 with very few problems. However, the old PeopleSoft Version 7 environment will be maintained until we are very sure that the new version is fully operational and stabilized."

Asian-Pacific-American Heritage: Zia Lectures, Tuesday, May 13

Join award-winning journalist and author Helen Zia at noon on Tuesday, May 13, in Berkner Hall, where she will present a talk on "The Parallel Universe of Asian Americans: Moving our 'Missing In History' Stories From Margin to Center." Zia will discuss the fantasy portrayals of Asian Americans in the media and how Asian Americans can bring real stories and humanity into the picture so that they will not be "missing in history."

Attendees will be able to purchase Zia's books, *Asian American Dreams* and *My Country Versus Me*. Zia will be available after the lecture for book signing.



Helen Zia

Inspector General Report on BNL

DOE's Inspector General (IG) recently released its findings following an on-site inspection to review the memorandum of agreement that BNL signed with Stony Brook University Hospital in May 1999.

Under that memorandum, BNL would provide annual training to Stony Brook and provide mutually agreed upon equipment and supplies for the care of victims of radiation accidents. The agreement also obligated Stony Brook to accept victims of radiological accidents from Brookhaven.

The IG report is posted on line at <http://www.ig.doe.gov>. For BNL's response, go to the Lab's homepage.

Neutrino Beam (cont'd.)



In setting forth the physics importance of the experiment, Diwan said that neutrinos are fundamental particles whose full description in terms of mass and mixing parameters is basic to the progress of particle physics.

"The unique aspect of neutrinos is that they are almost massless," he explained. "Previous oscillation experiments suggest that the lightest well-understood particle we know, the electron, is 10 million times heavier than the heaviest neutrino. This characteristic could be an important clue in understanding why matter is massive."

According to Diwan, it is also now speculated that the matter/antimatter imbalance in the universe could be caused by neutrino properties. "The proposed project will measure these properties with unprecedented accuracy," he said. "Moreover, we, the proponents, believe that the clarity and the beauty of the observed physical effects will have a long-standing impact on science."

For more information, go to <http://nwg.phy.bnl.gov/>.





Roger Stoutenburgh 0030503

Birding Walk, 5/16

Bring your binoculars, if you have them, wear appropriate shoes and anti-tick clothing, and join the next Employee Lunchtime Tour, which will be a birding walk held on Friday, May 16. All are welcome. The group will meet at noon in Berkner Hall lobby to be transported by Lab bus to a likely bird-spotting location on site. Tim Green, Environmental Services Division, will lead the walk, pointing out birds such as the hawk soaring above, which was seen on site by Roger Stoutenburgh, Lab Photographer. The group will return to Berkner by 1 p.m. For more information, call BNL Community Involvement’s Elaine Lowenstein, Ext. 2400.

BNL Races for Earth Day

On Sunday, April 19, the Lab celebrated Earth Day with about 400 BNLeers and friends who came on site to enjoy the environmental displays and science demonstrations given by BNL staff, and to join in the great 4-mile race and other events organized by Peter Pohlot, Environmental Services Division and president of the BNL Running Club.



New Lab Director Praveen Chaudhari fired the starting gun to begin the race and the race ended with 278 finishers. The overall winner was Mike Guastella (far left), 32 years old, from New York City, with a time of 20 minutes and 57 seconds (20:57.) The first woman across the tape was Jennifer Schretzmayer (left), of the Chemistry Department, with a time of 26:05.

At 82 years old, Dave Alburger (below, left) a Physics Department retiree, crossed the finish line at 51:38.

John Pagano (below, center), a 65-year-old security officer in BNL’s Safeguards & Security Division, finished the race in 35:40. Pagano is no stranger to physical activity. Even though he is the oldest officer in the Police Group, Pagano continues to meet the physical requirements that his job requires — including running a half-mile in under 4:40 and sprinting a 40-yard dash from a prone position in under 8.5 seconds.

Don MacKenzie (below, right), an 81-year-old retiree from BNL’s then Department of Nuclear Energy and a well-known Lab runner, completed the 4-mile race in 38:42. On Sunday, April 27, MacKenzie competed in the Leatherman’s Loop — a 10-km race at the Pound Ridge Reservation in Westchester County, New York, where he finished the course in 1:35:13.

For a complete list of Earth Day Run results, see [www.bnl.gov/bnlweb/eday/](http://www.bnl.gov/bnlweb/eday/). Children who ran in the half-mile Kids’ Race each received a tree to take home to plant as well as medals supplied by Keyspan.



Wanted: Sightings of Rare Reptiles at BNL

Wildlife specialists from the U.S. Fish & Wildlife Service (FWS) and BNL are investigating populations of several rare reptiles — snakes and turtles — that are seen on the BNL property. Special attention is being given to the eastern hognose snake, a very rare, harmless snake that is found at BNL, especially near RHIC.

In an effort to conduct conservation-related research on these animals, BNL staff and visitors who see any of them on site are asked to call FWS’s Jeremy Feinberg, Ext. 6125, or Tim Green, BNL’s Cultural and Natural Resource Manager, Ext. 3091, immediately.

According to Feinberg, no venomous or dangerous snakes are found on Long Island, including the snakes found at the Lab. Feinberg also reminds BNLeers that driving slowly and carefully on site can save the lives of snakes, turtles, and many other animals.



A hognose snake, a very rare, harmless snake that is found at BNL, especially near the Relativistic Heavy Ion Collider.

Money Talks on Market Downturn, 5/14

Join representatives from TIAA-CREF at noon in Berkner Hall on Wednesday, May 14, when they present “Staying On Track in a Market Downturn.” Topics will include reactions to market functions, remembering positive opportunities during downward movements, and other factors that can affect wealth building. For more information, contact Joyce Wund, Ext. 7516.

Benefit Notes  
Qualifying Events

Changes to medical and/or dental coverage may be made only during the annual open enrollment or within 31 days of when what is called a qualifying event occurs. Qualifying events include: birth or adoption of a child, marriage, divorce or legal separation, loss of dependent status (for instance, due to graduation, attainment of age limit, or no longer a full-time student), or a spouse’s gain or loss of employment.

For more information, contact the Benefits Office, Human Resources Division, Bldg. 185, Ext. 2877, Ext. 5126, or by calling (800) 353-5321.

Skin Cancer Screening

A board-certified dermatologist will screen employees for skin cancer on Thursday, June 12, 9 a.m.-noon, in the Occupational Medicine Clinic.

To obtain one of the 40 available appointments, send a note with your name, phone extension, and building number to Patricia Snyder, Bldg. 490.

Salad Bar Dinner, 5/9

The Hospitality Committee invites all visitors, guests, and their families to a Salad Bar Dinner tonight, Friday, May 9, at 6 p.m. See the Calendar, page 2, for more information, and call Monique de la Beij, 399-7656.

Weight Watchers

Registration for the next Weight Watchers at Work session will take place on Wednesday, May 14, at noon, in the Brookhaven Center South Room. The first class starts on Wednesday, May 21.

The cost will be \$99 for 10 or more weeks depending on the number of participants. Contact Michael Thorn, Ext. 8612 or [mthorn@bnl.gov](mailto:mthorn@bnl.gov).

Potluck, Karaoke,  
U.S.O. Dance, 5/23

On Friday, May 23, the BNL Social & Cultural Club (SCC) and the BERA Asian Pacific American Association (APAA) invite all to their 2nd Annual Potluck Dinner and Karaoke, 5-8 p.m. at the Recreation Hall. Bring a favorite ethnic dish, enough to share with six people.

At 8 p.m., a dance social will start at the North Ballroom at the Brookhaven Center, with music by the 18-piece big band “Memories of Swing.” The theme of the evening will be the United States Officers’ (U.S.O.) Dance Party! Dancers who come dressed as in the big band era will have a chance to win the best costume prize.

This event is a joint collaboration between the SCC and Swing Dance-Long Island, with support of the APAA as part of the celebrations of the Asian Pacific American Heritage month in May. Admission is \$10 for members, \$15 for nonmembers. Buy tickets at the BERA store at Berkner, or during TGIF dance socials on Friday nights at the Brookhaven Center. For more information, contact Rudy Alforque, Ext. 4733 or [rudy@bnl.gov](mailto:rudy@bnl.gov), or visit [www2.bnl.gov/rudy/social](http://www2.bnl.gov/rudy/social).

Lindy Workshop  
For U.S.O. Dance, 5/16

On Friday, May 16, the BNL Social & Cultural Club will hold a Lindy Workshop, 6-9 p.m., in the North Ballroom of the Brookhaven Center to prepare for the May 23 dance (see above). A partner is not necessary, partners will be rotated unless they prefer not to rotate. The cost is \$6 in advance, \$8 at the door, which includes three hours of general dancing after the lessons. For more information, contact Rudy Alforque, Ext. 4733 or [rudy@bnl.gov](mailto:rudy@bnl.gov),

Calendar  
(continued)

— WEEK OF 5/12

Tuesday, 5/13

**\*Asian Pacific American Heritage Lecture**  
Noon-1 p.m., Berkner Hall. Helen Zia will present “The Parallel Universe of Asian Americans: Moving our ‘Missing In History’ Stories From Margin to Center.” See notice on page 2.

Wednesday, 5/14

**\*Money Talks Workshop**  
Noon, Berkner Hall. Representatives from TIAA-CREF present “Staying On Track in a Market Downturn.” See notice at left, page 3. For more information, contact Joyce Wund, Ext. 7516.

Thursday, 5/15

**BAC Meeting**  
12:30-1 p.m. Brookhaven Advocacy Council Meeting, Open Session. For the meeting location, contact Mike Loftus, Ext. 4200. [www.bnl.gov/bac](http://www.bnl.gov/bac).

Thurs. 5/15, & Fri. 5/16

**RHIC & AGS Users’ Meeting**  
“Beyond Our Horizon”  
For information on specific talks, times, locations, and registration information, see [https://www.bnl.gov/rhic\\_ags/users\\_meeting/](https://www.bnl.gov/rhic_ags/users_meeting/).

Friday, 5/16

**Agilent Technologies Demo**  
11 a.m.-2 p.m., Berkner Hall. A representative will demonstrate Agilent’s latest RF/UW test solutions for R&D and manufacturing. Hands-on demonstrations available. For information, contact Zeke, [zeke\\_nesteruk@agilent.com](mailto:zeke_nesteruk@agilent.com).

**Asian Pacific American Heritage Lecture**  
Noon-1 p.m., Berkner Hall. Gary Okihiro, Professor of International and Public Affairs and the Director of the Center for the Study of Ethnicity and Race at Columbia University, will present “With Liberty and Justice for All: The Politics of War and Remembrance.” For more information, see [www.apaa.bnl.gov/apahm.htm](http://www.apaa.bnl.gov/apahm.htm).

**\*Employee Lunchtime Tour — Birding**  
Noon-1 p.m. On-site bird-watching walk. Wear suitable shoes and anti-tick clothes. Meet at Berkner Hall lobby at noon for a Lab bus to the walk’s location. See notice at top left of this page.

**\*Lindy Dance Workshop, Dancing**  
6-9 p.m. Lindy dance lessons, Brookhaven Center. \$6 in advance, \$8 at door. General DJ dancing follows, 9-midnight. See notice below, left. For more information, contact Rudy Alforque, Ext. 4733 or [rudy@bnl.gov](mailto:rudy@bnl.gov), or visit [www2.bnl.gov/rudy/social](http://www2.bnl.gov/rudy/social).

Sunday, 5/18

**\*Hospitality Bus to New York City**  
9 a.m. Bus leaves Rec. Hall, 6 p.m., bus leaves NYC. See notice, page 4. Adults, \$10, children 2-12, \$5. For tickets, Joe O’Conor, [oconor@bnl.gov](mailto:oconor@bnl.gov), or Monique de la Beij, 399-7656.

— WEEK OF 5/19

Monday, 5/19

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

Mon. 5/19, - Wed. 5/21

**NSLS Users’ Meeting & Workshops**  
For information on specific talks, workshops, times, locations, and registration information, see <http://nslsweb.nsls.bnl.gov/nsls/users/meeting/>.

Wednesday, 5/21

**\*Noon Recital**  
Noon, Berkner Hall. Cellist Tomoko Fujita and pianist Kimball Gallagher will perform. All are invited to this free recital. For more information, see notice, page 2, and next week’s Bulletin.  
**Brookhaven Lecture**  
4 p.m., Berkner Hall. David Morrison, Physics Department, will talk on jet physics at RHIC. All are invited.

*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](mailto:bulletin@bnl.gov). Write “Bulletin Calendar” in the subject line.*



## 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

or physical science or equivalent experience and knowledge of domestic/international hazardous material shipping regulations. Must be able to obtain and maintain a DOE security clearance and have experience with MS Word and Excel. Will provide technical support to the Isotopes and Special Materials Group for radioactive material (RAM) packing and transportation (P&T) quality assurance, certification of off-site RAM shipments, on-site receipt and transport of RAM, and assistance in on-site transfers of nuclear

LADDER RACK - Kargomaster, fits Chevy ext. cab w/cap, new cond., cost \$550, ask. \$250. John, Ext. 7268 or 732-7568.

### Boats & Marine Supplies

24' BAYLINER - '87, sleeps 4/6, brand new 250 h.p. inboard eng. & gas tank, many extras, \$10,500. Alex, Ext. 5024.

22' WESTERLY SAILBOAT - twin keel, fiberglass, clean, newly painted, many extras, needs some work, \$2,500. 744-3569.

TELEVISION - Sony 27" surround sound, includes matching Sony stand, \$225; bedroom set, v.g. cond., \$225. 744-1706.

### Car Pool

RIDE - backup ride desperately needed, Mon., Tues. & Thurs., Middle Island/BNL, 8:30 a.m.- 5 p.m. Jennifer, Ext. 7300 or 345-3425.

### Lost & Found

FOUND - remote control for small camera. Jack, Ext. 4030.

FISH TANK - willing to trade a 55 gal. tank for a 40 gal. tank. Resin vat & bio balls - to create an indoor pond & canister filter for turtle. Shannon, Ext. 5415.

HOME FOR CAT - female, neutered, declawed, 7 or 8 years old, white striped orange, very friendly. Anthony, Ext. 3189 or 205-1735.

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



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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.

**MK2126. POSTDOCTORAL RESEARCH ASSOCIATE** – Requires a Ph.D. in accelerator physics and a background in accelerator theory and/or simulations and/or experiments. Experience in electron cooling theory or experiments or in space-charge-dominated accelerator physics is desirable. The mission of the Department includes the development, improvement, and operation of a suite of particle accelerators used to carry out the program of accelerator-based experiments at the Laboratory. The next major upgrade of the RHIC collider will be based on electron cooling of the stored beams. The successful candidate will take part in the research and development towards a high-energy electron cooler for RHIC. Under the direction of I. Ben-Zvi, Collider-Accelerator Department.

**NS2196. FIRE PROTECTION ENGINEER/PROJECT ENGINEER II (P-7)** – Requires a BS in engineering with a minimum of 7 years' related experience, or an MS in engineering with 5 years' related experience. Experience in HPR class of insurance, excellent communication skills, and qualification for membership grade in the SFPE is required. PE license in Fire Protection preferred. Will participate in developing and implementing fire protection programs and procedures to eliminate personal injury, property damage, interruptions to programs and damage to the environment in accordance with BNL and OSHA, NFPA and DOE Requirements. Responsibilities include: surveying facilities for fire hazards, recommending corrective action to management; reviewing construction plans, fire systems and safety procedures for appropriate fire safety measures and developing Laboratory wide fire safety requirements. Emergency Services Division.

**NS2194. FIREFIGHTER/EMT-D** - Requires five years' progressive experience in a fire department, qualifications as a motor pump operator on a Class A pumper, and possession of a current NYS EMT-D certificate. In descending order of importance, the following criteria will be used for selection in the event that two or more individuals meet the above criteria: certified OSHA Hazardous Materials Technician; Certified in confined space rescue; current line officer in home department; and possession of an associate degree or higher in fire protection technology. Must be willing to work shifts at the completion of the training period. Emergency Services Division.

**TB2984. AUTO-TRUCK MECHANIC** - Under minimum supervision, performs required repairs, maintenance, servicing, and incidental operation of gasoline and diesel engine driven vehicles such as automobiles, trucks, trailers, and material-handling equipment. Performs limited welding, brazing and painting, and other body and fender-repair work in order to maintain vehicles in operating order. Uses and maintains all hand and portable tools, shop machines, and equipment necessary to perform assigned work. Staff Services Division.

**TB4032. TECHNICAL SPECIALIST (T-2)** - Requires AAS degree in a technical field

material. Will perform assignments in RAM P&T for on-site transfers and serve as a point of contact for the Laboratory's Hazardous Materials Transportation Program. Experience with databases, preferably MS Access, and knowledge of PowerPoint is desirable. Safeguards & Security Division.

**TB3034. Office Services Assistant (CW-2)** - Requires an AAS degree or equivalent related experience. A working knowledge of personal computers and exposure to computerized business systems are required as well as knowledge of Excel, Word, and accounts payable processing. Will be responsible for reconciling accounts for accruals and retention. Will also ensure that check issuance, wire transfers and blank deposits are properly documented as well as that credits due BNL are collected. Fiscal Division.

### Motor Vehicles & Supplies

**01 SUBARU OUTBACK LTD WAGON** - light green, leather int., all power, dual sunroofs, 157K mi., excel. cond. \$17,800. Barbara, 363-2796.

**01 YAMAHA ROADSTER SILVERADO** - motorcycle, 1600cc, windshield, saddlebags, 4,500 mi., excel. cond., \$9,750. Peter, 645-5844.

**99 HONDA CBRF4600** - red/black, 1,400 mi., mint cond., \$6,500 neg.; 80 Pontiac Trans-Am, black/tan, 403 Olds t-tops, turbo hood, \$2,500 neg. 698-1606.

**98 FORD TAURUS** - all power, 100K hwy. mi., one owner/driver. Tony, 476-9476.

**98 JEEP WRANGLER** - white, 5-spd., 6-cyl., a/c, 2 tops, very clean, 57,500 mi., \$15,500. Chris, Ext. 5032 or 929-7225.

**97 NISSAN MAXIMA** - all power, 75K mi., orig. own., excel. cond., ask. \$7,500. Ext. 8477 or 878-6016.

**96 PONTIAC GRAND AM** - black, 5-spd., a/t, a/c, p/s, p/w, V6, 109K mi., good cond., \$2,300. Ext. 4803 or 1110.

**96 VIKING POP UP** - a/c, heater, refrig., awning, loaded, \$4,800. Tim, Ext. 4661 or 722-2125.

**95 FORD ESCORT** - a/t, a/c, p/s, 92K mi., excel. cond., brand new tires & timing belt, \$2,500. Rachel, Ext. 8331 or 399-2417.

**95 JEEP GRAND CHEROKEE** - red, all power, 69K mi., 4wd, good cond., \$7,500. William, 331-6493.

**95 VOLKSWAGON PASSAT WAGON GLX** - leather int., 5-spd., 6-cyl., all power, c/c, sunroof, alarm, 88K mi., new tires, excel. cond., \$8,200 obo. 516-877-4916.

**93 FORD EXPLORER** - 6-cyl., all power, 125K mi., new tires, garaged, one owner, \$4,500. Sue, Ext. 7235 or 399-7997.

**93 FORD TAURUS** - ABS., p/s, airbags, am/fm/cass., 93K mi., good cond., \$1,900. Asher, Ext. 4006.

**93 FORD TAURUS** - V6, 3.8L, 4-dr., 75K mi., a/t, airbags, excel. eng., new water pump & sparks, runs well, \$2,200. Edward, Ext. 4331 or 516-297-3904.

**93 HARLEY DAVIDSON SPORTSTER** - 1200, Screamin" Eagle heads, cams, ignition, air cleaner, exhaust, extras, immaculate, \$6,200 neg. Mark, Ext. 2599.

**92 TOYOTA CAMRY LE** - all power, 99K mi., orig. own., well maint., service record avail., excel. cond., \$3,800. Carol, 744-8632.

**91 CHEVROLET CAVALIER** - 4-cyl., a/t, a/c, p/s, p/b, 143K mi., runs well, \$400. John, Ext. 4201 or 744-7727.

**90 BUICK LESABRE** - all power, 125K mi., good shape, new front tires, \$2,000. Viktor, Ext. 2686 or 878-1364.

**87 DODGE VAN** - B150 Ram Wagon, 6-cyl., 8 pass., 145K mi., a/t, a/c, p/s, p/b, needs some work, \$500. Ext. 7727 or 732-0981.

**84 CHEVY CORVETTE** - gold beauty, 406ci motor, 4+3 trans., 30K mi., too much to list, mint cond., \$12,000 neg. Chris, 874-9519.

**80 KAWASAKI MOTORCYCLE** - 440 LTD, needs some tlc, \$350. Don, 345-6279.

**79 FORD BRONCO** - a/t, 90K mi., good running cond., rebuilt trans., great for beach or towing boat, \$1,200. Donna, Ext. 2542 or 821-8435.

**19' MANATEE** - '78, 1990 115 h.p. Evinrude eng., approx. 200 hours on motor, w/trailer, \$2,000. Don, Ext. 5329 or 878-2215.

**18.5' WELLCRAFT** - '72, center console, 100 h.p. Evinrude eng., w/trailer, includes all equip. fenders, lines, anchor, life vests, cooler, gas tanks, radio tel. depth finder. 751-2149.

**16' HOBIE CATAMARAN** - trailer completely rebuilt/refurbished, new mast stepper tool, new Hobie large flotation device, ready to sail, \$1,600. Ron, Ext. 4553 or 208-3717.

**BOAT WINCH** - 12-volt battery powered, used to haul in 16' boat, \$200. 924-6751.

**FISHING EQUIPMENT** - rods, reels, lures, etc. 472-4559.

**OUTBOARD** - Seagull, long shaft, 5 hp, model #WSPOL, at least 20 yrs. old but works well, well taken care of, \$500. 286-5897.

### Furnishings & Appliances

**AIR CONDITIONER** - 2, high efficiency, window, low profile, 5,000 Btu & 6,000 Btu, \$75 & \$100. Joseph, Ext. 5329

**AIR CONDITIONER** - Friedrich, 8,000 Btu, used 1 1/2 seasons, center air installed recently, \$275 neg. Andrew, Ext. 7014 or 863-0383.

**CAPTAIN'S BED** - light pine, 3 drawers, excel. cond., twin size, \$50. Anna, 878-3352.

**CHILD'S CHAIR** - hand carved, teak, indoor-outdoor, good for preschool child, \$12. Karen, Ext. 4262.

**CONTENTS OF HOME** - entire contents of home must go, furniture, 3-pc. living room set, \$200, 5-pc. bedroom set w/o mattress, \$275. Mike, 567-9362.

**CONVECTION OVEN** - Farberware new, \$50 obo; Farberware rotisserie, new, \$20; table, 48" round, oak Formica top, metal base, \$50 obo. 472-4559.

**MUG RACK** - Abbey Press, holds approx. 80-100 mugs, swivels, black metal w/storage below, new cond., cost \$400, ask \$100 obo. 821-2586.

**SOFA, DINING TABLE & CHAIRS** - Ikea, sofa \$150, dining table & 4 chairs, \$150. Ext. 4570 or 878-2867.

**STORAGE CABINET** - white cabinet w/3 shelves & a hanging clothes rod, excel. cond., \$50. Donna, Ext. 2826.

**STROLLER** - Pergo double, cost \$325, ask \$125; 2 car seats, \$20/ea.; high chair, \$15. Tim, Ext. 5329 or 722-2125.

**TABLE** - w/swivel chairs & leaf, seats six, have picture, \$300. Dave, Ext. 5460.

**WATERBEDS** - 2, queen, tube type, individual bladders, boxsprings, pillow top, new, \$300/ea. or \$500/both obo. Keith, 827-2275.

### Tools, House & Garden

**LAWN MOWER** - Toro, self propelled, mulcher & rear bagger, \$100. Andrew, Ext. 7014 or 863-0383.

**STOVE, VERMONT CASTINGS** - Resolute stove, wood or coal. Don, Ext. 5329 or 878-2215.

### Sports, Hobbies & Pets

**BIKE** - new, 20" wheels, \$30. 924-6751.

**DIESEL CARS** - Kato, N-gauge, brand new in the box, New Haven & Northern Pacific roadnames, cost \$79.95/ea, ask. \$45/ea or matched pair w/different numbers, \$80/pr. Ron, Ext. 4553.

**SWING SET** - slide, swing, baby swing, 2-child swing, galv., good cond., can deliver, \$65 neg.; wt. bench, st. curl bar, some wts., \$60. Wayne, 698-1184.

### Audio, Video & Computers

**COMPUTER** - Dell 1.1ghz cpu, 256mb ram, 20gb 7200rpm hd, cdrw/dvd drive, 10/100 ethernet, 2 usb ports, more \$300; Epson Printer, \$25. Donald, Ext. 7237 or 929-6571.

**RECEIVER 4500A** - 100 watts, 5 ch., cost \$900, ask. \$450; JBL 412S Studio Twr. Spkrs., ea. w/ powered sub-woofer, cost \$1,800, ask. \$995/both. Donna, Ext. 2542 or 821-8435.

### Happenings

**ART OF TAIKO** - Sat., 6/7, Kenny Endo, Japanese percussion master, 8 p.m., Wang Center Theater, \$20/adults, \$15/seniors & students. Also 2 Endo workshops, Sun., 6/8: Family Taiko Drumming, 10 a.m., \$10 adults, \$5 kids; Drummers, 2 p.m., \$50. Contact [sunita.mukhi@stonybrook.edu](mailto:sunita.mukhi@stonybrook.edu), 631-632-6353.

### Miscellaneous

**IRISH IMPORTS** - closed retail store, many leftover items, Belleck, Galway crystal, jewelry, much more, 50% off most items. 821-2586 evenings.

**JUICER FOR WHEAT GRASS** - manually operated, \$15. Bob, Ext. 4637.

**MAPLE SYRUP** - from my family's farm in Vermont. Peter, Ext. 7687 or 744-1112.

**NEON SIGNS** - 2 bar, Michelob/Miller, \$75/ea. Mike, 567-9362.

**NOTECARDS** - Go to [www.just-thinking-sf.com](http://www.just-thinking-sf.com) to place an order. Contact me to save on shipping. Ed, Ext. 2007 or 751-1474.

**PINATAS** - all occasions, all characters, cartoon, Disney, Sesame Street. Donna, 821-0359.

### Wanted

**DINGY** - hard or inflatable, small outboard. Ben, 689-7326.

## BERA Offers Discount Tickets



BERA are \$22.99, (saving \$5); seniors age 62 and over and children cost \$17.99 (saving \$3). Children ages 3 and under are free.

### Atlantic City Trip

Join BERA for a trip to the Hilton Hotel and Casino in Atlantic City on Saturday, June 7. The bus will leave the Brookhaven Center at 8 a.m. and depart Atlantic City for BNL at 7 p.m. Buy tickets, \$25 per person — which includes a \$9 coin return — at the BERA Store, Berkner Hall, 9 a.m.-3 p.m. Participants must be at least 18 years of age.

### Bus to NYC, 5/18

The BNL Hospitality Committee will sponsor a bus trip to New York City on Sunday, May 18, for \$10 per adult and \$5 per child of age 2 to 12. The bus will depart from the Recreation Hall at 9 a.m. and will leave the city at 6 p.m. For more information and to purchase tickets, contact Joe O'Connor, [oonor@bnl.gov](mailto:oonor@bnl.gov), or Monique de la Beij, 399-7656.

