

BNL Director Praveen Chaudhari Steps Down

On February 17, Lab Director Praveen Chaudhari announced his future plans to BNL staff:

Over the last three years you and I have faced many challenges stemming primarily from a short-fall in funding. We have overcome nearly all of them.

Collectively, we developed a vision for our science and operations and are implementing it. This should put us on a firm path for flourishing over the next decade. The President's budget has just been announced and we figure prominently in it. This would not have happened if you had not made the sacrifices you did, such as dealing with the delay in salary increases last year, so we could prepare for the future by making investments in the Quantum Chromodynamics Laboratory, National Synchrotron Light Source-II, Center for Functional Nanomaterials, and interdisciplinary science essential

for breakthroughs in energy and the life sciences. I am proud of you.

The Laboratory is in very good shape and, I feel, it is time for me to make a change: to spend more time at home and to take advantage of the wonderful opportunities to do science at BNL. In order to do so, I shall step down from my position as the Director of this great Laboratory, on April

30, 2006, and work part time as a scientist with financial support from BSA.

I want to thank all of you for your support. I also want to thank Jim Simons, President Shirley Kenny, Evelyn Berezin, Rich Gelfond, Denny McGinn (all from the BSA Board), and wish to acknowledge the unstinting support for BNL by the representatives on the

Board and the Science & Technology steering committee from the BSA Core Universities: Columbia, Cornell, Harvard, Massachusetts Institute of Technology, Princeton and Yale. The Laboratory could not have better friends than these six institutions.

I wish to acknowledge the unwavering support for the Laboratory by Senator Hillary

Clinton, Senator Chuck Schumer, Congressman Tim Bishop, Congressman Sherwood Boehlert, and Congressman John Sweeney.

Finally, I want to thank my wife, Karin, who accepted a long distance relationship for the last three years. It has been a difficult period for both of us.

— Praveen Chaudhari

BSA Statement on BNL Director's Announcement

The following message from Brookhaven Science Associates (BSA) came from Board Chair Shirley Kenny and Vice-Chair Carl Kohrt, also on February 16.

We want to thank Praveen for his great dedication and creativity as Laboratory Director and wish him the best in his future work as a scientist at the Laboratory. His scientific expertise will continue to be of great benefit to BNL.

We will immediately begin a search for

Praveen's successor. Praveen will move to his new role on May 1 and, if we do not have a successor named as we approach the April 30 time-frame, we will appoint an Interim Laboratory Director. Of course we welcome your views on the appointment of the next Director or Interim Director.

Again, deepest thanks to Praveen for his distinguished service to the Laboratory. And thank you in advance for your help and cooperation during this transition period.



Roger Stoutenburgh 00260203

Probing the Combustion Process

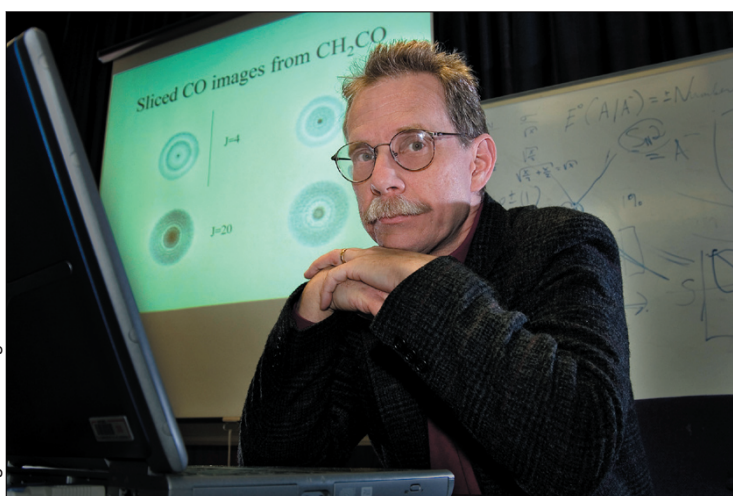
Unique Method to Determine Chemical Dynamics in Combustion

Chemists at BNL, working with colleagues at Stony Brook University, have developed a unique experimental technique to measure the flow of energy inside a molecule in the process of breaking apart. The chemists' experiments provide a critical test of theories used in computer models of combustion, which are used, for instance, by combustion engineers to design more fuel-efficient and less polluting machines.

"With a trustworthy computer model of combustion, engineers can design improved engines or fuel blends without needing to build and test so many different versions," said the Chemistry Department's Gregory Hall, the principal researcher for this experiment. "The database of chemical reactions needed for such a

computer program is too big to be filled in strictly with measured numbers, and we have to rely on chemical rate theory to calculate much of this database. Our experiments are important for showing how far we should trust these calculations."

The Chemical Physics Research Program in DOE's Office of Basic Energy Sciences funded the research, which appeared online in January and in the January 7 issue of the *Journal of Chemical Physics*. With Hall, the



Roger Stoutenburgh D1381205

paper co-authors are: Anatoly Komissarov, then of Chemistry, Michael Minitti, Stony Brook University (SBU) and Arthur Suits, BNL and SBU.

The chemists used an experimental technique called "sliced

carbon monoxide and methylene fragments, pushing away from each other with a speed that depends on the rotational and vibrational energies of the two fragment molecules. Some of the carbon monoxide

ion imaging" to analyze the energy flow during the fragmentation of ketene, a small molecule that acts as a stand-in for more complicated fuels in these benchmark experiments. When excited with a laser, ketene breaks apart into carbon

monoxide and methylene fragments, pushing away from each other with a speed that depends on the rotational and vibrational energies of the two fragment molecules. Some of the carbon monoxide

fragments are then ionized (meaning that an electron is removed) by a second laser, and the ions are accelerated toward a detector screen, where each ion shows up as a flash of light, observed with a video camera. Depending on how fast and in what direction the carbon monoxide fragments were traveling when they were created, the ions will hit a different spot on the ion-imaging detector. By analyzing the images obtained by accumulating the signals from about half a million molecules, the team at BNL determine how energy is shared between the two fragments. They have found agreement with the predictions of a chemical rate theory called variational transition state theory, refuting some earlier work that had raised

(continued on page 3)

Five BNL Employees Honored With 2006 Brookhaven Awards

Presented by Laboratory Director Praveen Chaudhari, the Brookhaven Award recognizes key contributors in support functions whose performance and achievements represent outstanding service to the Laboratory. Employees with a history of contributions in all support functions are considered, however, outstanding achievements in areas such as environment, safety, affirmative action, training, community involvement, and quality are favored. Nominees for the Brookhaven Award are evaluated by the exceptional nature and difficulty level of the contributions, their benefit to the Laboratory, and the length of time over which the contributions were made. The winners of the FY 2006 award are featured on page 2.



Roger Stoutenburgh D0010206

The 2006 Brookhaven Award winners are: (from left) John DiNicola, Plant Engineering Division (PE); Nicholas Gmur, National Synchrotron Light Source Department; Raymond Karol, Collider-Accelerator Department; Gerard Shepherd, Safety & Health Services Division; and Peter Stelmaschuk, PE.

At the Fiscal Year 2006 BNL Employee Recognition Award Ceremony held on Thursday, February 2, Lab Director Praveen Chaudhari and others congratulated 15 BNL employees for their talent and dedication, which won each awardee the Science & Technology Award, the Engineering Award, or the Brookhaven Award, and \$5,000. Also recognized were the FY05 Spotlight Award winners, to be featured in a future Bulletin. Science & Technology and Engineering winners were featured previously: this week, the Bulletin focuses on Brookhaven Award winners: John DiNicola, Plant Engineering Division (PE); Nicholas Gmur, National Synchrotron Light Source Department; Raymond Karol, Collider-Accelerator Department; Gerard Shepherd, Safety & Health Services Division; and Peter Stelmaschuk, PE.

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 Christine Carter, Ext. 2873.
- Additional information for Hospitality Committee events may be found at the Lollipop House and the laundry in the apartment area.
- The Recreation Building (Rec. Hall) is located in the apartment area.
- Contact names are provided for most events for more information.
- Calendar events flagged with an asterisk (*) have an accompanying story in this week's Bulletin.

— EACH WEEK —

Weekdays: Free English for Speakers Of Other Languages Classes
Beginner, Intermediate, Advanced classes. Various times. All are welcome. Learn English, make friends. See www.bnl.gov/esol/schedule.html for schedule. Jen Lynch, Ext. 4894.

Mondays & Wednesdays: Pilates
Mondays at noon, Wednesdays at 5:30 p.m., both in Rec. Hall. 9-week session, \$60 for once a week, \$70 for twice a week. Registration is required. Christine Carter, Ext. 5090.

Mondays & Thursdays: Kickboxing
\$5 per class. Noon-1 p.m. in the gym. Registration is required. Christine Carter, Ext. 5090.

Mon., Wed., & Fri.: Tai Chi
Noon-1 p.m., Brookhaven Center North Rm. Adam Rusek, Ext. 5830, rusek@bnl.gov.

Tues. & Thurs: Aerobics
5:15-6:30 p.m., Rec. Hall. 10 classes for \$40, or \$5 per class, pay as you go. Pat Flood, Ext. 7866.

Tues. & Thurs: Aqua Aerobics
5:15-6:15 p.m. \$20 to attend once a week, \$40 to attend twice a week. For more information, call Ext. 2873.

Tues. & Thurs: Jazzercise
Noon-1 p.m., Rec. Hall. \$88 for twice-a-week eight-week session, you may use the membership at several Jazzercise locations. Christine, Ext. 5090.

Tues. & Thurs.: Ving Tsun Kung Fu
Noon-1 p.m., Brookhaven Center, North Room. \$80/month or \$10 per class, pay as you go. Taught by Master William Moy. Scott Bradley, Ext. 5745 or bradley@bnl.gov.

Tue., Thu. & Fri: Upton Nursery School
8:30 a.m.-noon, Rec. Hall. 2-and 3-day programs available. Kati, 821-4131.

Tuesdays: Welcome Coffee
10 a.m.-noon, Rec. Hall. First Tuesday of every month is special for Lab newcomers and leaving guests. Lisa Yang, 979-3937.

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

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

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

Tues., Wed. & Thurs: Rec Hall Activities
5:30-9:30 p.m. General activities, TV, ping pong, chess, games, 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. Fang Dong, 871-5362.

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

Wednesdays: Yoga
Noon-1 p.m., B'haven Center. Free. Ila Campbell, Ext. 2206, ila@bnl.gov.

Wednesdays: Ballroom Dance Class
Brookhaven Center, N. Ballroom. Instructor: Giny Rae. New series starts 3/15. See notice, page 3. John Milner, Ext. 3853; Madeline Windsor, Ext. 5069.

Thursdays: Reiki Healing Class
Noon-1 p.m., Bldg. 211 Conference Rm. Nicole Bernholz, Ext. 2027.

Fridays: Family Swim Night
5-8 p.m. 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.

In Memoriam: Lamar Gardner

Lamar Gardner, who joined LBNL on January 5, 1976, and served the Lab for 29 years, died at 59 on August 8, 2005.

After graduating from Riverhead High school, Gardner served his country in the U.S. Army Infantry, December 1966-68, during which time he participated and was injured in the Vietnam War. He was also an air defense technician in the Air National Guard, May 1969-74.

At BNL, Gardner's first position was custodian in the Plant Engineering Division. Over several years, he was temporarily assigned for some months at a time to assist in other divisions, working as a materials handler, a laborer, and a building and grounds utility worker. In 1982, he became a helper A in the Central

Shops Division, then, in 1984, he moved to the Supply & Materiel Division as a materials handler. A year later, he was promoted to Stock Clerk, then, in 1986, to Stores Clerk.

In 1989, Gardner rose to Assistant Storeskeeper,

then Storeskeeper in 1993, which he remained in what became the Procurement & Property Management Division.

Said Robert DiLello, now retired, who was Gardner's supervisor, "Lamar Gardner was a good worker who knew his job. It was sad that he didn't have more time.

He was always a gentleman."

A resident of Riverhead, Gardner is survived by his grandson, Joshua Lamar Gardner; two sisters, Judy Kidd and Lynette Calhoun; and his brother, Marvin Calhoun.

— Liz Seubert



Five BNL Employees Honored With 2006 Brookhaven Awards

John DiNicola



John DiNicola, Plant Engineering Division, made significant contributions to the Laboratory as the BNL Site & Facilities Master Planner. In that capacity, DiNicola coordinates the development of the BNL Site Master Plan, a living document that guides the Laboratory development and expansion for the next decade and beyond.

In addition, DiNicola's past and current responsibilities include overseeing electrical engineering and design, conduct of operations, OSHA compliance, space and real property management, site mapping, and BNL project planning, programming and budgeting processes. DiNicola has served on many BNL committees and is Chair of the Laboratory Electrical Safety Committee.

DiNicola also was the project manager for the safe demolition of over 170,000 square feet of World War II vintage buildings. In addition to saving energy, the demolition of these facilities allowed for the reduction of about \$6 million in BNL's maintenance backlog.

DiNicola earned a B.E. from The Cooper Union in 1977 and an M.S. in electrical engineering from Polytechnic Institute of New York in 1982. He also earned an MBA from Dowling College in 1986, and he is a licensed professional engineer in New York State. He joined BNL in 1979.

Nicholas Gmur



Nicholas Gmur is cited for his outstanding work as the Environmental

Safety & Health (ESH) Coordinator at the National Synchrotron Light Source (NSLS) Department. In this role, Gmur is involved in many activities within the department that carry into almost every part of all programs. He has been a key contributor to challenging ESH issues at the NSLS that include implement-

ing requirements for BNL's Integrated Safety Management program and the internationally recognized ISO 14001 and OHSAS 18001 programs. Other major achievements included writing, conducting and coordinating reviews and implementing the accelerator authorization basis documents for the Deep-Ultraviolet-Free Electron Laser, the NSLS and Accelerator Test Facility, and the NSLS Environmental Assessment required by the National Environmental Policy Act.

In addition, Gmur resolves many smaller issues daily. He is recognized for his leadership, for bringing great attention to quality and detail and for always getting the job done on schedule. He is widely respected throughout BNL for his efforts and is an excellent representative of the NSLS. Gmur, who came to BNL in December 1975, has a B.S. in zoology and chemistry from McGill University and an M.S. in biology from the University of Michigan.

Raymond Karol



Raymond Karol, head of the Environment, Safety, Health and Quality Assur-

ance (ESHQ) Division for the Collider-Accelerator Department (C-A), receives the Brookhaven Award for numerous significant contributions in those areas. His leadership resulted in reduced occupational injuries and lost-work cases, updated safety-related procedures, and the implementation of BNL's Integrated Safety Management System at C-A.

Karol manages a staff of 20, and his efforts have led to updated C-A safety assessment documents, which analyze potential safety hazards at C-A facilities, such as the Relativistic Heavy Ion Collider, and to updated safety envelopes, which provide rules to follow based on the safety assessments. He also assisted in getting C-A registered in ISO 14001 and OHSAS 18001, globally recognized

Ward Melville HS Wins Science Bowl at BNL



Joseph Rubino D0410205

Catherine Osiecki from BNL's Office of Educational Programs (far left) and John Carter (far right) from the DOE Brookhaven Site Office join first-place winning team members from Ward Melville High School (from left) Rachel Yu, Stephen Ko, Albert Ko, Harley Zhang, Jenny Wang, and coach Kathleen Rocklein.

For the third year in a row, the Ward Melville High School team was the champion of the Regional Science Bowl at BNL. Sponsored by BSA, the fast-paced question-and-answer tournament was designed to test high school students' knowledge of biology, chemistry, physics, mathematics, astronomy, earth science, and general science. This event at BNL, with 64 others around the country, is part of the National Science Bowl® competition coordinated by DOE's Office of Science. Since its inception in 1991, more than 100,000 high school students have participated in this "Jeopardy"-style contest, which encourages students to excel in science and math and to pursue careers in those fields.

Eighteen schools from Long Island and the New York metropolitan area participated in the regional competition this year. As champions, the Ward Melville team received \$500 in gift certificates, and the team will participate in the National Science Bowl®, to be held in Chevy Chase, Maryland, April 27-May 1. For the second consecutive year, the second-place went to Half Hollow Hills West, who won \$250; Elwood-John Glenn High School placed third, winning \$125; and William Floyd High School came fourth, winning \$75. All four teams received a trophy or plaque.

— Diane Greenberg

Shepherd earned his B.S. from the New York Institute of Technology and M.S. from Polytechnic University.

Peter Stelmaschuk



Peter Stelmaschuk, General Supervisor of Building Maintenance in the Plant

Engineering Division, is cited for his outstanding qualities as a supervisor in his field, being technically very skilled, an excellent leader, safety conscious, creative, and always open to new ideas. He is widely respected for his ability, commitment and dedication to his work. Strong customer focus is also a key factor for success in Plant Engineering, the largest Support Division on site. Stelmaschuk focuses on and satisfies customers' needs, and he is recognized for always getting work done safely and making the best use of available resources.

Stelmaschuk has direct responsibility for seven trades with over 30 mechanics and three supervisors, who perform a tremendous amount of work on the site: emergency response, preventive maintenance, inspections, interior reconfigurations, and regular maintenance and repairs. To perform this work successfully despite constrained resources takes substantial planning that includes obtaining permits and identifying and implementing safety precautions specific to the job. Stelmaschuk's approach to optimizing work practices has created many improvements. His personal integrity and professional expertise is recognized in all aspects of facilities management and supervision.

Summer Camp Expo

On Friday, March 10, from 11:30 a.m. to 1:30 p.m., in Berkner Hall, several Long Island summer camps will provide facility and registration information to BNLeers. For more information, contact Susan Foster, Ext. 2888; or Liz Gilbert, Ext. 2315.

BNL’s Food Drive Gets New Co-Chair

**Donna Wadman retires;
Linda Rundlett joins Rita Kito**

Rita Kito of the Budget Office and Donna Wadman of the Safety & Health Services Division have co-chaired the Lab’s Food Drive Committee since 1996. Wadman recently retired, and Linda Rundlett of the Human Resources & Occupational Medicine Division volunteered to be the new co-chair.

Says Kito, “I was a little worried about our food drive program when Donna announced she was retiring, but Linda has many good ideas and is very enthusiastic. I will surely miss Donna, but I look forward to working with Linda and keeping the food drive successful.”

In the Town of Brookhaven’s Interface program, local organizations and corporations collect and distribute food to families who are facing difficult times. Since 1988, the Lab has partnered with the American Physical Society in collecting non-perishable food items for

Interface. Together, they have donated 425,525 pounds of food to Long Island charities.

Rundlett is happy to be doing something for Long Islanders. “My first idea is to contact local supermarkets to see if they would be willing to help us out by making donations or offering discounts,” she says. “I am looking forward to working with Rita and the other BNLers who have continually done so much to make this program a success.”

Says Kito, “None of this would happen without the many BNLers who keep the drop-off bins around the Lab stocked. We know how much this food is needed, so it is great that Lab people are so generous.”

Recently, the BNL White Water Rafting Club donated \$172 to the food drive committee. Says Kito, “That donation was greatly appreciated by the committee and the local Long



Rita Kito (center), longtime BNL Food Drive Co-Chair, welcomes new Food Drive Co-Chair Linda Rundlett (left) who is replacing the previous Co-Chair Donna Wadman (right), now retired.

Island charities. It really helped us to make a difference.”

— Jane Koropsak
In addition to the collection bins placed in most buildings, bins stand ready in the BERA Store in Berkner Hall and in Bldg.

134 near the Cashier’s Office. Employees may also give cash at the Cashier’s Office or send checks made out to BNL Food Drive to Rita Kito, Building 460, or Linda Rundlett, Building 185. All donated funds are used to buy food.

Combustion (cont’d)

questions about this theory.

“The ‘slicing’ is a key new feature of this method,” Hall said. “By using a fast shutter on the ion detector, we can wait until the middle of the ion cloud reaches the detector before we pulse the shutter on and off again. This way, we are looking only at the molecules that originally were moving parallel to the plane of the detector. That makes the images sharper and more accurate.”

— Diane Greenberg

Arrivals & Departures

— Arrivals —

Roseann Callister PPM
Winnie Jerome QM
Marcin Nowak Physics
Peter Smith Medical

— Departures —

Peter Abrams Plant Eng.
Roland Baillargeon Staff Svcs.
Stephen Barcelo Plant Eng.
Thomas Butler Plant Eng.
Kyung Yoon Chung Chemistry
Jack Fajer CMP&MS
Hironori Ito Physics
Frank Marotta Fac. & Ops.
Marlon McAvoy ESH&Q/RP
Nathan Towne NSLS
Susan Walch ES&T
Jiunn-Ming Wang NSLS

BERA Trips

For more information about the following events, see the BERA website, or check at the BERA Store in Berkner Hall, 9 a.m.-3 p.m., where tickets are available. Prices include luxury coach fare.

3/11 - Hairspray, matinée. \$60.
3/25 - Bill Cosby, live at the Tilles Center, Brookville. \$45.
3/26 - Don Giovanni, Mozart, Metropolitan Opera, NYC, \$80.
4/1 - Cabela’s Retail Store, Hamburg, PA. Shopping! \$20.

Daffodil Days

BERA will again sell daffodils to benefit the American Cancer Society. The donation is \$10 for a bunch of 10 fresh-cut daffodils. Delivery will be made during the week of March 20. Your prepaid order can be made at the BERA Sales Office in Berkner Hall, weekdays, 9 a.m.–3 p.m.



BSA Noon Recital

Pianist Jiayin Shen in Concert, 3/22

Pianist Jiayin Shen will give a concert on Wednesday, March 22, at noon in Berkner Hall. Sponsored by BSA, the company that manages the Lab, the concert is free and open to the public. All visitors to BNL age 16 and over must bring a photo ID.

Shen was awarded the top prize in the Xin Hai National Piano Competition in Beijing, China, and the University of Michigan Concerto Competition. In addition to performing solo, Shen frequently collaborates with various chamber music ensembles.

Health Promotion Program Takes Aim at Stress

The year’s Spring activity program “Rise & Shine” focuses on stress reduction and moderate physical activity. Stress is unavoidable and contributes to high blood pressure, suppression of the immune system, sleep disturbances, strain in work and family relationships, headaches, muscle tension, depression, increase in the risk of cardiovascular disease and more.

During the eight week “Rise & Shine” program, BNLers will learn how to deal with stress using a wide range of methods including yoga, tai chi, relaxation response, meditation, massage, journaling, walking a labyrinth, and more. To register, contact the Team Coach in your work group or go to the Health Promotion Program web site at www.bnl.gov/hr/occmcd/HPP.asp and download the registration materials.

BREA — Retirees’ Luncheon, 6/6

Come meet and greet old friends! The Brookhaven Retired Employees Association (BREA) plans a get-together luncheon for all retired and associate members of the Lab community for Tuesday, June 6, at the Bellport Country Club, with prizes, surprises, and entertainment. The cost of \$30/person includes full-course lunch (choice of entrees), dessert, coffee or tea, unlimited beer, wine and soda (cash bar available); and the melodious sounds of the Serenaders. Watch the Bulletin, BREA Newsletter, and visit www.brea.bnl.gov for details.

TIAA-CREF One-on-One Retirement Counseling

A TIAA-CREF consultant will visit BNL on Monday, March 13, Thursday, March 16, and Tuesday, March 21 to answer employees’ questions about financial matters. The consultant will help you understand the importance of protecting assets against inflation; find your right allocation mix; learn about TIAA-CREF retirement income flexibility; and compare lifetime income vs. cash withdrawal options.

For an appointment, call Arlene Lyons, (866) 842-2053, Ext. 4629.

Reimbursement Account Deadline, 3/31

According to the Internal Revenue Service, contributions to health care or dependent day care accounts made during calendar year 2005 will be forfeited if they are not used by March 31, 2006. So, do not forget to use up balances within all 2005 reimbursement accounts by claiming expenses incurred in 2005. To do so, submit claim forms by March 31, 2006.

Benefits Office Reminder Proof of Student Status

All medical/dental plan participants are reminded to submit an updated proof of student status to the Benefits Office, Bldg. 185, for the upcoming college semester. The Benefits Office will submit this to the insurance company on your behalf. To be eligible for benefits, children over age 19 must be unmarried, a full-time student attending an accredited college or university and primarily supported by you. Dependents who meet this criteria are covered until the end of the year age 23 is attained. For more information, call the Benefits Office, Ext. 2877 or 5126.

Fidelity Investment Counseling, 3/30

A Fidelity Investment representative will be at the Lab on Thursday, March 30, to hold sessions with individual employees interested in learning more about their retirement-savings and investment options. Schedule one of the 30-minute appointments by calling (800) 642-7131.

Weekly Ballroom Dance Lessons Start 3/15

The BNL Ballroom Dance Club’s two new six-week dance lesson series will start on Wednesday, March 15, in the North Ballroom at the Brookhaven Center, with beginner waltz, 6-7 p.m. and advanced cha-cha, 7-8 p.m., given by instructor Giny Rae. Prospective new members may attend the first two weeks as a free trial and pay \$20/person for the remaining four weeks of the series if they join. As a one-time spring bonus, other participants will pay \$20 each (not the usual \$30) for the full six weeks.

The lessons are open to BERA members with one guest permitted per member. For more information call John Millener, Ext. 3853; Madeline Windsor, Ext. 5069; or Vinita Ghosh, Ext. 6226.

CALENDAR (continued)

— WEEK OF 3/6 —

Friday, 3/10

Summer Camp Expo

11:30 a.m.-1:30 p.m. Berkner Hall. Long Island summer camps will provide information about their facilities and programs. For more information, call Liz Gilbert, 2315.

Saturday, 3/11

BERA Trip to Hairspray Show

Tickets available at BERA Store., \$60 includes bus.

— WEEK OF 3/13 —

Tues.-Thurs., 3/14-16

Ergonomics Training Workshop

Bldg. 490 Large Conference Room. Organized by Occupational Medicine Clinic and Liberty Mutual. Four-part event on ergonomic issues, such as low back pain, risk factors, repetitive task analysis, etc. For information, contact Sarah Wiley, Ext. 4207, swiley@bnl.gov.

Wednesday, 3/15

Ergonomics Training Workshop

Bldg. 490. Workshop continues.

Brookhaven Lecture

4 p.m. Berkner Hall. All are welcome as Wolfram Fischer of the Collider-Accelerator Department discusses the “Quest for High Luminosity in Hadron Colliders.” He will describe how scientists have overcome historic and present technical challenges in achieving the highest possible collision rates of particles, such as heavy ions, at the greatest possible energy, especially in the Relativistic Heavy Ion Collider.

Thursday, 3/16

Ergonomics at Work & Home

Noon-1 p.m. Berkner Hall. Review of working with tools, computer stations for children and adults, etc. All are welcome.

1 -2 p.m. Session continues so that attendees can identify and express their concerns.

Friday, 3/17

‘Dangerous’ St. Patrick’s Day Ball

8 p.m.-midnight, Brookhaven Center. “New York’s Most Dangerous Big Band” to play. Advance tickets, \$20, at BERA Store. See notice on page 4.

Saturday, 3/18

Railroad Earth, Blue Grass, Rock

8 p.m. Berkner Hall. Railroad Earth band in concert. See notice on page 4.

— WEEK OF 3/20 —

Wednesday, 3/22

*BSA Concert, Pianist Shen

Noon. Berkner Hall. All are welcome to this free concert by prize-winning pianist Jiayin Shen, sponsored by BSA. See notice at left.

Friday, 3/24

Employee Tour, Stardust, NSLS

Noon-1 p.m. Visit NSLS to learn of Stardust program to analyze Stardust samples from recent NASA voyage. Meet in Berkner Hall lobby at noon.

Saturday, 3/25

BERA Trip, Bill Cosby, Tilles Center

See BERA trips at left. For information, see BERA webpage or call or visit the BERA Store, Berkner Hall, 9 a.m.-3 p.m. Ext. 3347.

Rock Band ‘Afterlife’

8 p.m. Berkner Hall. See page 4.

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

American Physical Society Position

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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 benefits-eligible employees within the department/division and/or appropriate bargaining unit, with preference for those within the immediate work group; (2) present benefits-eligible 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. Access current job openings on the World Wide Web at www.bnl.gov/HR/jobs/.

OPEN RECRUITMENT – Opportunities for Laboratory employees and outside candidates.

MK4188. POSTDOCTORAL RESEARCH ASSOCIATE – Requires a Ph.D., specific experience in the analysis and interpretation of data from climate multiple regimes, including the Arctic, and with the general climate-change issues surrounding cloud and radiation interaction. Experience with satellite and surface-based measurements of atmospheric structure and familiarity with data collected by DOE's Atmospheric Radiation Measurement Program are essential. The successful candidate should have basic knowledge about the known deficiencies in current Global Climate Simulations and understand the nature of the various types of models that are used for atmospheric simulation. In addition, expertise in the area of atmospheric radiation, with particular emphasis on the interpretation of surface heat and moisture fluxes is also required. Will perform research in the area of clouds and radiation. While not expected to perform simulations, the candidate must be familiar with the nature of parameterizations used in Global Climate Models and with the use of single column climate models as a tool for evaluating global parameterizations. Under the direction of M. Miller. Environmental Sciences Department

MK3960. POSTDOCTORAL RESEARCH ASSOCIATE - Requires a Ph.D. or M.D. in neuroscience or neurogenetic-related fields, good computer and communications skills. Will analyze DNA from human subjects and perform analyses linking the genetic to brain (PET, fMRI, ERP) data from individuals at risk for psychiatric disorders of inhibitory control. Position is with the Brookhaven Center for Translational Neuroimaging which combines multiple methodologies to investigate brain and behavior related to inhibitory control. Due to recent interest in our laboratory in how genes map onto brain function, we are looking for a candidate who will help streamlining DNA analyses for each of our human protocols. Will receive training in neurogenetics using neuroimaging methods and will analyze DNA from human subjects and perform analyses linking the genetic to brain data from individuals at risk for psychiatric disorders of inhibitory control. Under the direction of N. Klein. Medical Department.

NS3786. ASSISTANT STAFF SPECIALIST (A-4, reposting) – Requires a BS degree in business administration, computer science, finance or equivalent. Must be highly proficient in managing data and developing reports using Microsoft Office applications. Skill in data retrieval using PeopleSoft and knowledge of Microsoft Visual Basic to develop interactive forms and templates and Microsoft FrontPage are desirable. Candidate must be a self starter who is able to handle and complete multiple projects simultaneously. Working with Procurement & Property Management Division (PPM) staff, is responsible for the identification, retrieval, and verification of information in the PeopleSoft system for division reporting requirements. Develops and maintains all PPM PeopleSoft queries and reports by interfacing with the Business Systems Division staff or by creating modifications as needed. Procurement & Property Management Division.

Motor Vehicles & Supplies

02 NISSAN ALTIMA 2.5S - a/c, abs, a/t, cd, c/c, p/b, p/l, p/s, p/w, p/ seat, dual a/b, new tires, excel. 62K mi. \$10,000/neg. 355-5987. 98 SUBARU LEGACY - vg cond., very well maintained. 68K mi. \$5,500. Ext. 6090. 97 PONTIAC GRAND AM - 4cyl., 4dr. SE Sedan, excel. gas mileage. 160K mi. \$1,200/neg. Ed, Ext. 4080.

97 HONDA ACCORD LX - a/t, a/c, cass, leather seats. 104K mi. \$4,750/neg. Brenda, Ext. 5877 or Ext. 1041.

97 DODGE GRAND CARAVAN - 3L V6, 4dr, a/c, a/t, cd, c/c, p/b, p/l, p/s, p/w, new Mich. tires. 159K mi. \$2,500/neg. 475-6981.

97 DODGE GRAND CARAVAN - 7 pass, cass./cd, hitch, p/w, p/l, 135K mi. \$2,700. 758-3284 or WJLeonhardt@bnl.gov.

95 MITSUBISHI ECLIPSE RS - 2-dr, a/t, cd, m/roof, new tmg. belt, more, aygarnov@bnl.gov. 167K mi. \$1,600/neg. (925)586-3089.

95 FORD WINDSTAR - 6cyl, a/t, f/d, dual a/c, am/fm/cass, c/c, abs, p/l, p/s, p/w, good cond. 96K mi. \$2,750/neg. Ext. 3294.

94 FORD F150 XLT - 4x4, 8' bed/cap, p/w, p/l, a/c, am/fm/cass, 6cd, cb/rd, wnsh/viser, new tires. 143K mi. \$3,700/neg. 219-7241.

90 FORD E 250 work van - Roof racks. \$750/neg. Michael, Ext. 8410 or 648 7612.

80 CORVETTE L82 - Numbers match, a/t w/ t-tops, car cover, all pwr., ac, garaged. excel. shape. 26K mi. \$18,000/neg. Ext. 2496.

VEHICLE TOOL BOX - Husky stainless steel diamond plate for FS pickup. Used 1 year, \$100. Ext. 5483 or 744 0790.

WHEELS: - set of 4 aluminum alloy rims, 16" diameter, 5 star/5 lug pattern, good cond. \$95 for all. Peter, Ext. 2913.

Boats & Marine Supplies

GRADY WHITE - 20' W/A ov/nght. 1985 boat, 1999 150HP Merc. Optimax, h/top, cuddy, new encl., \$13,000. Ext. 6072 or 807-9763.

Furnishings & Appliances

BABY'S ITEMS - Pottery Barn changing table, Gracco swing & bassinet, Evenflo Exersaucer, FP bouncy beat, more. 258-4607.

BEDROOM - Ethan Allen American Dimensions, qu. bed, dresser, mirror, armoire, n/ stand, maple. mint. \$1,500. 727-3959.

CLOCKWORK - Metronome De Maelzel by Seth Thomas, (1930s-40s), works, mahog., crack on front, missing pin, \$35. 803-0506.

DINING ROOM SET - antique style, oval, oak, 3 leaves, 2 capt. & 4 reg. chairs, hutch \$250. Young-Suk, Ext. 7735 or 355-5987.

FREEZER - excel. cond. 20.3 cu. ft. Asking \$250. Mark, Ext. 2238 or 828-6459.

FURNITURE - dryer; 3-pc. l/r set, grn., \$300; 7-pc. cherrywd dining set, area rug, \$400; qu. bdrm. set, grey, \$475. 516-769-9038.

OIL-FILLED RADIATOR - By Pelonis. Works excellently, \$25. John, Ext. 4028.

SOFA & LOVESEAT - Qu. sleeper sofa. Photos avlbl. \$250/obo. Young-Suk, Ext. 7735.

WASHER/DRYER - 1-pc. stackable fullsize Frigidaire 110v wshr/gas dryr. Used once, orig. \$900; \$500 firm. Ext. 3288 or 872-8972.

Audio, Video & Computers

COMPUTER - P3,733MHz, 256MB, 20GB, CDRW, WinXP, sound, LAN, 17" CRT, KB mouse, \$200/all, \$175/pc only. Ext. 4620.

MONITOR - 19" COMPAQ mv900, excel. state, \$50. Ext. 3747.

PRINTER - Hewlett Packard Laser Jet 4, \$125. Katherine, Ext. 7885.

TV - 3-year-old SHARP 19" color TV w/ remote, works v. well, \$40 obo. Fan, Ext. 4353 or 836-9958.

VCR - good wkg cond., does not record, old model, ask \$20. Barbara, Ext. 3431.

Sports, Hobbies & Pets

BARBELL, WEIGHTS, BENCH - great set. \$65. Brenda, Ext. 5877 or Ext. 1041.

BASS GUITAR - Steinberger copy, headless, 4 string, dual pick-ups, excel. cond., w/hard case. \$150. Peter, Ext. 2913.

GREENIES - 30 pack of 20 oz. petite size dog bones, 2 pkgs avail. \$10/ea. Ext. 5322.

PEAVEY GUITAR - nat. finish t-60 model with case. \$500 firm. 732-1999.

SKIS, POLES, BOOTS, BINDINGS - Dynamic 185cm skis w/men's sz 8 bndgs. Solomon boots sz 8, 48cm poles. All \$45. Ext. 7459.

WHITE FENDER STRAT GUITAR - w/lace sensor pickups, gig bag. \$700. 921-4204.

Tools, House & Garden

HYDRAULIC JACK - 2 ton, works excellent, \$15. John, Ext. 4028.

LATHE - Southbend 9" swing, vg cond., extras. Ask \$750. Ext. 5626 or 651-9798.

SNOWTHROWER - Toro 3650, like new, \$500. 288-2364.

Miscellaneous

14K WHITE GOLD RING - 14K white gold CZ ring, 1 ct. in stones, original price \$200, ask \$70. Linda, Ext. 7187.

CHRISTENING OUTFITS - several styles. Brand new, never worn, boys & girls. Pictures upon request. Denice, 208-0196.

COLLECTORS PLATES - Bradford Exch., Franklin Mint, Hamilton Collection, cat & dog plates. Ext. 3500 or irachel@bnl.gov.

GAME/POKER TABLE - 10-player, foldable, 96"x43", 98 lbs, perfect cond., orig. \$230, ask \$120. IhnJea, 903-3383.

HEATER - Honeywell baseboard elec. htr., adjustable thermostat, 2 heating levels, 1000/1500W, 40" long, \$25. Ext. 3217.

MICROSCOPE: - Olympus BHTU/BH2 model, 5 objctv lenses, new in hard carry/ storage case w/manual. \$1,900. Ext. 2913.

Happenings

BILL COSBY TICKETS - Tilles Center, Sat., March 25. \$45pp incl. ticket plus transp. BERA Sales Office or call. Ext. 3347.

SBU UNIVERSITY CAFE - 3/5, 2 p.m., Jack Hardy w/Antje Duvekot opens, \$20. (\$15 students), gpalais@notes.cc.sunysd.edu. 632-6027.

Farewell Gathering

TOM AND BRENDA KIRK - Monday, 3/27, Berkner Hall Lobby, 5:30 to 7 p.m., \$21 includes gift, cash bar. Lorraine Barry and Elaine Zukowski, Ext. 7814 or 3830.

Free

KITTEN - 3-mo.-old, male, v. friendly, smart, healthy, litter trained. WooJin, 903-3383.

MONITOR - 19" Dell flat screen, black, heavy, gd cond., call to pick up. Ext. 8014.

Wanted

DAYCARE/LT. HOUSEKEEPING - mature adult to supervise 13 yr. old after sch. in Miller Place home, 2:30-5:30, refs. Ext. 8378.

REFRIGERATOR - needed for the coffee room, will remove for free. Ext. 7861.

WANTED - Makita 9.6V battery charger. Craig, Ext. 4028.

Lost & Found

FOUND - BRACELET - Bracelet found on ramp to Bldg 515 Modular, Tuesday morning, 21 Feb., 2006. Jim, Ext. 5925.

FOUND: HEART-SHAPED EARRING - black onyx center stone, found in Bldg. 911. Ext. 5090.

For Rent

BROOKHAVEN - Middle Island, waterfront 2-bdrm. house, lr, fdr, kit, 1 bath, 1 gar., pvt. and unique w/view, near Lab & shopping. \$1,325/mo. 678-6456.

CENTER MORICHES - 2-bdrm. house w/ carpet, w/d, f/p, new paint, new w/w carpet, nr shopping, 1 block to water, no pets/ smkg. utils. extra. \$1,400/mo. 878-6016.

MIDDLE ISLAND - new 1 bdrm., lg. bsmt. apt., pvt. ent., laundry, cable, internet, no pet/smkg., quiet, all incl. but phone, nr. Lab. One month sec. \$800/mo. Istvan, 672-2451.

MILLER PLACE - Share lge furn. non-smkg. Col. house in prof. resid. area with postdoc. l/net, tv cable, cac, own 14x12 w/w bdrm. 9 mi. to BNL. \$675/mo. 744-8386.

MILLER PLACE - Non-smkg lge apart. in prof. area, fenced back yard, deck, l/net, TV cable, ceram. tile bath, full kit, 14x19 bdrm. 9 mi. to BNL. \$900/mo. 744-8386.

RIDGE - 1 lg. studio, bright & warm, w/ full bath, priv. ent., fenced garden, house apart from owner, park in drway, quiet & safe n'hood. \$700/mo. Zhen, 821-0859.

WADING RIVER - 2 bdrm., elk, lg. l/r., lg. den, lg. deck, pvt. pkg., no kids/pets/ smkg. Utils. extra. \$1,500/mo. 928-9328.

For Sale

EAST QUOGUE, NY - New condo, 2 bdrm, 2 bth upper unit w/1-car gar/, Sr commtty, cust shades, closets, carpet, tile, cac, maint. free, excel cond. \$649,900/neg. 631-723-0770.

On-Site Services

ENTERPRISE RENT-A-CAR - Stop by the on-site office at Bldg. 355, 50 Brookhaven Ave., to check weekend specials, daily rates. Or call Ext. 4888 or see www.enterprise.com.

VEHICLE SERVICING - The Lab's on-site service station offers oil changes, check-ups, NYS inspections, new batteries, tires, timing belts, repairs, etc., while you are at work. Ext. 4034.

In Appreciation

I have finished a year of study at BNL and I will go back to Beijing, China, shortly. The past wonderful year allowed me to make many friends at BNL. We enjoyed many good times together. I want to thank all of you for your help. I will remember you and miss you. I wish you happiness and health forever. — Mao Chen

Railroad Earth in Concert, 3/18



Railroad Earth, playing a mixture of bluegrass and rock & roll, will give a concert in Berkner Hall on Saturday, March 18, at 8 p.m. The Electrix, an acoustic trio, will open the show. Sponsored by the BNL Music Club, the concert is open to the public. All visitors to the Laboratory age 16 and over must bring a photo ID.

Railroad Earth has attracted legions of loyal fans since their first concerts in 2001, and their songwriting ability and adept improvisation have won them the praise of Grateful Dead bass player Phil Lesh, who invited the band to open for him.

With Todd Sheaffer on lead vocal and acoustic guitars; Tim Carbone on violin; John Skehan, mandolin; Carey Harmon, drums; Johnny Grubb, upright bass; and Andy Goessling, acoustic guitars, banjo, dobro, madolin, flute, pennywhistle and saxophones, Railroad Earth hit the music scene with their wheels already rolling. Just six months after they starting jamming together, the band made a demo of five songs from their growing repertoire, and that first demo earned them a place in the prestigious Telluride Bluegrass Festival. Since then, the band has released two studio albums on the largely bluegrass imprint Sugar Hill Records.

Tickets for the concert cost \$20 each if bought in advance from the BERA Store, Berkner Hall, or ticketweb.com; or \$25 at the door on the night of the show. Call Ext. 3846 for more information.

‘Dangerous’ Band for St. Patrick’s Day Ball, 3/17

The 20-piece “New York’s Most Dangerous Big Band” will perform during a St. Patrick’s Day Ball at the North Ballroom of the Brookhaven Center on Friday, March 17, 8 p.m.-midnight. Sponsored by the BNL Social & Cultural (S&C) Club, the event is open to the public. All visitors to the Lab age 16 and over must bring a photo ID.

This “Dangerous” band is popular over the Tri-State area. Some members are musicians from the NYPD, thus the name “NY’s Most Dangerous Big Band.” To learn more about them, see www.nymdbb.com. Conducted by Ed deCorsia, the band is primarily known for its swing music, but they also play Latin and foxtrots for a varied dance party. There will also be Latin and hustle DJ music in between sets.

Tickets cost \$20 each in advance, or \$35 at the door; they are available at the BERA Store in Berkner Hall or at the BNL S&C Club’s weekly dance socials on Friday nights at the North Ballroom of the Brookhaven Center. Only 160 tickets will be sold. Order tickets early since they may be sold out before 3/17. Contact Rudy Alforque, Ext. 4733 or rudy@bnl.gov for more information.

Rock Band ‘Afterlife’ in Concert, 3/25

Afterlife: The Ultimate Progressive Rock Experience will perform in concert on Saturday, March 25, at 8 p.m. in Berkner Hall. Sponsored by the BNL Music Club, the concert is open to the public. All visitors age 16 and over must bring a photo ID.

From Emerson, Lake and Palmer, Genesis, and YES — popular symphonic/classical rock groups in the early 1970s — to the New World/Art Rock music of bands such as Rush and Kansas and the neo-progressive songs of Asia and Saga in the early 1980s, Afterlife pays tribute to the golden era of progressive rock with performances of hallmark tunes from the masters. Tickets cost \$15 each, and may be bought in advance at the BERA Store, Berkner Hall, or www.ticketweb.com; or at the door on the evening of the show. Call Ext. 3413 for more information.

Defensive Driving, 4/8

Many thanks for the warm send off, support, and good wishes. I am fortunate to have known and worked with so many good people these past years. I will remember your thoughtfulness always. Thanks. — Peggy Sutherland

To my friends at BNL, I would like to thank all of those who expressed their get well wishes during my recovery from surgery. You know who you are! Thanks again. — Deborah Reynolds

To my BNL friends and coworkers, My family and I sincerely appreciate all your caring thoughts and prayers at the passing of my mother Janice Ryan. — Tracy Blydenburgh

Services

A list of service ads from BNLeers who perform all sorts of work for others is available on the web. Go to the link “See all ads” bottom right of the Intranet homepage, at http://intranet.bnl.gov/ads/displayAdsAll.asp. Those outside the Lab firewall cannot access the services list, but they are welcome to request an e-mail copy from bulletin@bnl.gov; or call Ext. 2345 or write to The Bulletin, Bldg. 134, BNL, Upton, NY 11973-5000, for a paper copy.

Defensive driving courses will be held 4/8 and 6/10, 9 a.m.-3:30 p.m., in Berkner Hall, for BNL, BSA and DOE employees, facility-users, other guests, and their families. Send a \$30 check to NYSTA, care of Don Kelley, P.O. Box 185, Selden, NY 11784. (732-2498.) Add your phone number and the class date on the check.

ASAP Social, 3/16

Association for Students & Postdocs (ASAP) members are invited to a social gathering, with free hero sandwiches, assorted beverages, and a movie, on Thursday, March 16, at 5:30 p.m., at the ASAP Lounge, Bldg. 750. ASAP is for all students & post docs on site: see www.bnl.gov/asap for more information.