



Joseph Rubino 06/06/08

Above: Dennis Kovar, DOE's Acting Associate Director of Science for High Energy Physics (left) with Fumihiko Takasaki, Japan's Director of the Institute of Particle and Nuclear Studies
Below: Meeting attendees



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BNL Hosts U.S./Japan Committee For Cooperation in High Energy Physics

After discussion of the record of the 30th Meeting of the U.S./Japan Committee for Cooperation in the Field of High Energy Physics on June 12 and 13, hosted this year by BNL, Dennis Kovar, DOE's Acting Associate Director of Science for High Energy Physics, and Fumihiko Takasaki, Japan's Director of the Institute of Particle & Nuclear Studies (IPNS) and Co-Chair of the High Energy Research Organization (KEK), signed the record. The meeting included reviews of the past year's accomplishments and cooperative plans for the upcoming year.

BNL Director Sam Aronson welcomed the 30 participants, who came from IPNS, KEK, DOE, Argonne National Laboratory, BNL, Fermi National Accelerator Laboratory, Lawrence Berkeley National Laboratory, Stanford Linear Accelerator Center, Kobe University, Tohoku University, Tokyo University, and the University of Cincinnati, as well as the Washington Bureau of the Japan Society for the Promotion of Science. Among

topics discussed were existing U.S. and Japan collaborative research programs and progress; proposed new joint research programs; high gradient acceleration technology for future accelerators, past contributions, budgets, and future cooperation.

Said Steve Vigdor, BNL's Associate Laboratory Director for Nuclear & Particle Physics, "This program has traditionally provided critical financial support for Japanese scientists participating in high-energy physics experiments in the U.S., including in the PHENIX Collaboration at RHIC. Since the program's initiation, facilities for high-energy research in Japan have grown enormously. A point of focus at this very successful meeting was delineation of the extensive support DOE laboratories are already providing for equipment and collaborations on work that takes place primarily in Japan. The cooperation remains healthy and productive, despite budgetary pressures in both countries." — Liz Seubert

Avnish Kumar Sharma Honored With Young Scientist Award

Avnish Kumar Sharma, a research associate in the Laser Applications Group in the Instrumentation Division, was recently awarded the 2006 Young Scientist Award from the Government of India's Department of Atomic Energy. This prestigious award is given to a few young Indian scientists annually and carries a citation, medal and 50,000 Indian rupees.

Sharma received this award for his contributions in building India's first chirped pulse amplification (CPA)-based tabletop terawatt neodymium (Nd):glass laser system and ultrashort laser pulse diagnostics while working on his Ph.D. at the Laser Plasma Division of Raja Ramanna Centre for Advanced Technology in Indore, India. He was attracted to the field of ultrashort pulse lasers after completing his Masters of Technology in Optoelectronics and Optical Communication at the Indian Institute of Technology.

"Such lasers are valuable tools for various applications and research particularly in the study of behavior of materials at extreme conditions," Sharma said.

Last January, Sharma came to Brookhaven to start a postdoctoral fellowship to do research on high-power lasers and their applications, under the supervision of Triveni Rao. According to Rao, Sharma has made great progress on the two projects that he is working on at Brookhaven. Some of the techniques from his previous research in India have helped him in this present work.

Currently, Sharma is designing an optical system to modify the laser beam profile and temporal pulse shape for a variety of applications. For instance, a flat-top beam profile and temporal shape are desirable in building low-emittance electron sources, and optical parametric ampli-



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fiers. The goal of this research is to eventually generate arbitrary pulses in parabolic, triangular or exponential shapes.

"We are designing and testing prototypes of passive laser beam profiles and temporal pulse shapers at Instrumentation's Laser Lab, for an ongoing energy recovery linear accelerator project in the Collider-Accelerator Department," Sharma said. The system may be used on other projects at BNL, such as the Relativistic Heavy Ion Collider (RHIC) e-cooler.

Sharma is also developing a CPA based high repetition rate (10 Hertz) multi-terawatt Titanium:Sapphire laser system to deliver an extremely intense pulse of one quintillion (10^{18}) watts

see *Sharma* on page 2

Stephen Musolino Elected to National Council On Radiation Protection & Measurements

Stephen Musolino, a certified health physicist in the Nonproliferation & National Security Department (NNS), has been elected to the National Council on Radiation Protection and Measurements (NCRP). The organization was chartered by Congress in 1964 to serve as a nonprofit national resource on topics related to radiation protection and radiation quantities, units and measurements.

"The NCRP has a long and distinguished history of producing sound scientific reports to promote the practice and improvement of radiation protection, and to enable the benefits of radiation technology to society," Musolino said. "It is an honor to be elected to this prestigious body and I look forward to contributing to the important work of the Council."

In a 2006 issue of the *Health Physics Journal*, Musolino, in collaboration with Frederick Harper, a scientist from DOE's Sandia National Laboratories, provided concise guidance to first responders, planners and decision makers for protective actions during the first 48 hours after a dirty bomb explosion. Their guidance was based on the results of over 600 experiments performed by Harper, who simulated dirty bomb explosions to determine how the radioactive materials would disperse in the environment.

In addition, Musolino has participated in the National Nuclear Security Administration's (NNSA) Global Threat Reduction Initiative (GTRI) to assist foreign governments and international and domestic organizations in improving the security, control, and disposition of high-risk radioactive



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materials. He has gone to Nigeria as a member of a team to assess the security of radiation sources and recommend upgrades to ensure they are safeguarded appropriately. He also took part in the partnership between NNSA/GTRI and INTERPOL, the international criminal police organization, to transfer surplus radiation detectors and provide training to police officers in foreign countries. Musolino was part of a team who transferred over 300 radiation detectors and instructed over 500 front-line police officers in 13 countries on how to detect illicit radioactive material.

As a member of the DOE/NNSA Radiological Assistance Program, known as the RAP team, Musolino is trained to evaluate the consequences of a radiological emergency and advise local authorities on what actions need to be taken to minimize the health and environmental effects of an incident. BNL is the RAP Regional Coordinating Office for 11 states, mainly in the Northeast. Musolino has developed emer-

gency plans and procedures for RAP and participated in numerous emergency drills and full-scale exercises. After the 2001 attack on the World Trade Center, Musolino was part of the RAP team that was deployed to monitor the debris for radiation.

In the 1990s, Musolino developed and managed the Environmental, Safety & Health program for BNL's world-class accelerator, the Relativistic Heavy Ion Collider (RHIC), from the construction through the commissioning of the \$600-million facility. He helped develop and obtain ISO 14001 registration for RHIC, demonstrating the high quality of the RHIC Project's environmental management system. ISO 14001 is an internationally recognized standard of environmental excellence. The RHIC Project was the first DOE Office of Science and first Long Island-based organization to obtain third-party registration to the ISO 14001 standard.

Stephen Musolino earned a B.S. in engineering technology from the State University of New York at Buffalo in 1976, an M.S. in nuclear engineering from Polytechnic University of New York in 1982, and a Ph.D. in health physics from the Georgia Institute of Technology in 1989. He joined the Lab in 1978 as a nuclear instrumentation technician, and he became a health physicist in 1981. He assumed his current position as a member of the scientific staff in NNS in 2004. Musolino has received numerous awards for outstanding performance from DOE and Brookhaven Science Associates, the company that manages Brookhaven Lab for DOE. — Diane Greenberg and Kay Cordtz

**CALENDAR
OF LABORATORY EVENTS**

- The BERA Store in Berkner Hall 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 #317 (Rec. Hall) is located in the apartment area.
- Contact names are provided for most events for more information.
- 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: BNL Social & Cultural Club
Noon-1 p.m., Brookhaven Center, South Room, free beginners dance lessons. Rudy Alforque, Ext. 4733, alforque@bnl.gov

Mondays & Wednesdays: Pilates
To be resumed in September

Mondays & Thursdays: Kickboxing
\$5 per class. Noon-1 p.m. in the gym. Registration is required. Ext. 8481

Mon., Thurs., & Fri.: Tai Chi
Noon-1 p.m., B'haven Cntr N. Rm. Adam Rusek, Ext. 5830, rusek@bnl.gov

Tuesdays: Hospitality Coffee
To be resumed in September

Tuesdays: BNL Music Club
Noon, B'haven Center, N. Room. Come hear live music. Joe Vignola, Ext. 3846

Tuesdays: Knitting Class
2-4 p.m. Berkner Hall lobby. All levels of skill. Ext. 5090 for information.

Tuesdays: Jiu Jitsu
6:30-7:30 p.m. Gym. All ages, 6 yrs. to adult. First-time students get first class free. \$10/class, pay as you go. Tom Baldwin, Bldg. 452, Ext. 4556

Tuesdays: Toastmasters
1st & 3rd Tuesday of month, 5:30 p.m., Bldg. 463, Rm 160. Guests, visitors welcome. www.bnl.gov/bera/activities/toastmasters/

Tue., Wed. & Thu: Rec Hall Activities
5:30-9:30 p.m. General activities, TV, ping pong, chess, games, socializing. Christine Carter, Ext. 5090

Tue., Thurs. & Fri.: Ving Tsun Kung Fu
Noon-1 p.m., B'haven Center, North Room. Taught by Master William Moy. Scott Bradley, Ext. 5745, bradley@bnl.gov

Tuesday & Thursday: Aerobic Fitness
To be resumed in September

Tuesday & Thursday: Aqua Aerobics
To be resumed in September

Wednesdays: On-Site Play Group
10 a.m.-noon. Rec. Hall. Infant/toddler drop-in event. Parents meet while children play. Petra Adams, 821-9238

Wednesdays: Ballroom Dance Class
B'haven Center, N. Ballroom. Instructor: Giny Rae. Starts September 12 and 19. Ext. 3845

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: LabVIEW
1:30-3 p.m., Bldg. 515, 2nd fl. Seminar Rm. Free technical assistance from LabVIEW consultants. Ext. 5304

Thursdays: BNL Cycletrons Club
Noon-1 p.m., First Thurs. of month. Berkner, Rm. D. Toni Hoffman, Ext. 5257

Thursdays: Reiki Healing Class
Noon-1 p.m., Call for location. Nicole Bernholz, Ext. 2027

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

Fridays: Family Gym Night
5-8 p.m. Family gym activities. Free

Fridays: BNL Social & Cultural Club
Noon-1 p.m., B'haven Center, S. Room, free beginners dance lessons. 7-11:30 p.m. N. Ballroom, Dance Social, workshops. Rudy Alforque, Ext. 4733, alforque@bnl.gov

Congratulations

2007 Perfect Attendance Employees!

The Perfect Attendance celebration held annually by BNL to recognize the full-time employees who have won certificates and \$200-bond Perfect Attendance Awards for the previous calendar year was held in April at the Brookhaven Center. BNL Director Sam Aronson congratulated the awardees and thanked them for their dedication and service to the Lab. Among others present to congratulate the winners were Deputy Lab Director for Operations Michael Bebon, Assistant Lab Director

for Facilities & Operations Lanny Bates, and Human Resources & Occupational Medicine Division Director Bill Hempfling.

The Perfect Attendance award was first given in 1992, when full-time employees on the technical and clerical schedules were recognized for having used no sick leave during 1991. In 1995, these employees and those from the Paper, Allied-Industrial, Chemical & Energy Workers International were joined in eligibility for the award by

BNL employees represented by the International Brotherhood of Electrical Workers. In 1998, members of the Suffolk County Security Police Association in the Safeguards & Security Division also became eligible for the prize.

This year, as previously, many awardees had achieved multiple years of perfect attendance: 11 won for the first time, six for the second time, six for the third, two for the fourth, four for the fifth time, four for the sixth time, three for the eighth time; and one for

the tenth time. James Callihan, Dhruba Ghimiray, Stephen O'Kula, and Gary Schaum, won for the eleventh time; Thomas Crews won for the twelfth time; Cornelius Jackson, Richard Lutz, Alex Reben, and Shelby Williams, for the thirteenth time — and Phyllis Tinsley-Smith, the annual show-stopping star, won for the sixteenth time. Employees who became eligible for the prize after its inception have often served BNL with additional years of perfect attendance that are on record elsewhere.



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Photographed at the 2007 Perfect Attendance celebration held in April 2008 at the Brookhaven Center are many of the 47 Perfect Attendance Award winners, who each received a certificate and a T-shirt with their \$200 prize. The winners are listed below alphabetically in their departments/divisions with the number of years they have won this perfect attendance prize after their name.

Biology: Phyllis Tinsley-Smith, 16; and Cornelius Whalen, 1; **Central Fabrication Services:** Richard Savoy, 3; and William Struble, 1; **Community, Education, Government & Public Affairs:** Cornelius Jackson, 13; and Alex Reben, 13; **Emergency Services:** Gary Schaum, 11; **Facilities & Operations:** Antonio Hammil, 1; **Plant Engineering:** Eugene Barrow, 3; Howard Bell, Jr., 3; Barbara Calle, 1; James Callihan, 11; Robert Callister, Jr. 5; Thomas Crews, 12; Luis Cruz, 1; Ralph Giordano, Jr., 6; Darren Harris, 6; Ruth Harris, 6; Lawrence Kunzig, 5; Richard Lutz, 13; Carol Mason-Shorter, 3; Antonio McGill, 3; Lisa Metz, 8;

Richard Muller, 4; Stephen O'Kula, 11; Bill Randall, 1; Carol Robinson, 1; Fe Singleton, 5; Andrew Trent, 3; Johnnie Turner, Jr., 4; Connie Turpin, 2; Jeannette Verak, 1; and Fred Wojtuniak, 2; **Procurement & Property Management:** Wayne Cummings, 2; Eva Esposito, 8; Dhruba Ghimiray, 11; William McPherson, 6; Charles Whiting, 10; and Shelby Williams, 13; **Safeguards & Security:** George Bostick, 2; Louis Figueroa, 1; Magdalene Rando, 2; and Ralph Vega, 1; **Staff Services:** Shirley Ayers, 2; Jean Bunselmeyer, 5; Stanley Hanlon, 8; and Anthony Harkins, 1.

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per centimeter squared in less than 50 femtoseconds, the needed time for light to travel through a strand of hair. This pulse is 20 times shorter than the Nd:glass laser system's pulse that Sharma designed in India. The Titanium:Sapphire laser system will be a very versatile source of radiation and particles, he explained.

Sharma is excited to be

working at Brookhaven. "Since I started my career in India, I was fascinated by the [US] national labs involved in building and managing gigantic size machines for various kinds of research," he said.

And so far, Sharma has thoroughly enjoyed his time at the Lab. "I have experienced a lot of hospitality at BNL, especially when we arrived here

after traveling almost half of the globe and not knowing our way around," he said. "Everyone here helped us a lot. I found that BNL people have great respect for human life and they care about human values and needs." — Kirsten Dorans

More information about Sharma and his research can be found online at: <http://dravnishsharma.googlepages.com/home>.

Arrivals & Departures

— Arrivals —

- Frank Carlino C-AD
- Caleb Mattoon..... ES&T
- Diktys Stratakis..... Physics
- Dong Su CFN
- Qin Wu CFN

— Departures —

- Gregory FessDirector's Office
- Raul Armendariz Physics

In Memoriam

Anthony Wisowaty, who joined the Biology Department as a technician C on March 24, 1958, and served the Lab for 41 years before retiring as a technical associate I in the Collider-Accelerator Department on October 15, 1999, died on December 10, 2007. He was 73.

Paul Reardon, who became BNL's Associate Director for High Energy Facilities in the Director's Office on July 1, 1983, leaving on January 25, 1991, to become project manager for the Superconducting Super Collider Laboratory in Texas, died on December 12, 2007, at the age of 76. Reardon had been a frequent consultant to the Lab and a member of the Visiting Committee for the Physics and Accelerator Departments for three years before joining BNL, and was a consultant from September 1996 to 1998. His prior experience included positions as Associate Lab Director and Accelerator Division Head at Fermi National Laboratory, and Associate Director and Head of the Department of Technology at Princeton University's Plasma Physics Laboratory.

Joseph Washburne, who received life number 113 when he joined BNL's Personnel Division as an administrative officer on February 1, 1947, died at age 90 on February 3, 2008. He retired from the Lab on June 30, 1982, as Manager of Personnel and Labor Relations.

Frank Magnani, who joined the Lab's Grounds Sections as a laborer on July 12, 1948, died on February 7, 2008, at the age of 90. He became a technician B in the Architectural & Engineering Design Division and retired as a surveyor from the Plant Engineering Division on May 8, 1981.

James Hurley, who became a senior technician in the Reactor Division on December 16, 1963, and retired from the Department of Applied Science as a technical associate I on December 31, 1990, died on February 14, 2008. He was 76.

Robert Dryden, who came to the Lab as a technician A on July 6, 1954, and rose to be a senior technical supervisor in the Alternating Gradient Synchrotron Department before his retirement on June 30, 1984, died on March 21, 2008. He was 85.

Wesley Brown, who joined BNL's Plant Maintenance Division as a laborer on March 24, 1947, with life number 249, died on March 27, 2008, at the age of 89. He rose to heavy equipment mechanical operator group leader in the Plant Engineering Division before he retired on August 27, 1977.

Irving Montanez, who joined the Instrumentation & Health Physics Division as a technician IV on July 7, 1969, and retired from the Collider-Accelerator Department as a systems specialist on January 13, 1995, died on April 1, 2008. He was 70.

Robert Nicholas, who became a medical services assistant III in the Medial Department on March 20, 1961, died at the age of 86 on April 3, 2008. He retired from the Lab as a senior hospital services assistant on March 30, 1984.

John Smith, who became an Alternating Gradient Synchrotron Department development engineer II on January 1, 1972, died at 73 on April 18, 2008. He moved to the National Synchrotron Light Source Department in 1982 and retired as a manager I on May 31, 2002.

CIGNA Representative

A CIGNA Healthcare representative is available as needed in Human Resources, Bldg. 400, or by phone to assist with claims issues you have been unable to resolve yourself through CIGNA's Customer Service number (1-800-CIGNA24). Mary Beth Kivlen will be available by appointment only. You will need to provide all pertinent documentation. To schedule, call the Benefits Office, Ext. 5126.

English for Speakers of Other Languages Celebrates 'Six-cess'

For the past six years, the BNL English for Speakers of Other Languages (ESOL) Program, managed by Jennifer Lynch, Staff Services Division, has expanded and developed. Two recent celebrations showcased the successes of the program: the Literacy Suffolk and BNL ESOL Recognition Celebrations held on April 24 and May 12 respectively.

At the Literacy Suffolk Celebration, special "Authors' Tables" are reserved for authors with work in Literacy Suffolk's *Reading for Life*. This magazine publishes stories by English language learners who have been taught by Literacy Suffolk volunteer tutors, and no less than seven BNL ESOL students — Cuicui Ai, Jinyu Fu, Zhongyan Hu, Mizuho Izubuchi, Hee-Ju Jung, Ling Lan, and Shinichi Yamazaki — earned a place at these tables. At the same event, James Higgins, Energy Sciences & Technology Department, a committed ESOL volunteer, was honored as one of two tutors who received Five-Year Service Awards.

BNL Director Samuel Aronson, who attended the BNL ESOL Celebration, commended the program and the efforts of Program Coordinator Lynch. "The Lab's ESOL program depends on the outstanding work of teachers who are primarily from the BNL staff — including some who learned English in the very same ESOL program," said Aronson. "It's great to see members of our international



BNL attendees — students from the English for Speakers of Other Languages (ESOL) program, their family members, and tutors, are seen with ESOL Program Coordinator Jennifer Lynch (front row, fourth from right) — at the 2008 Literacy Suffolk Recognition Celebration on April 24 at Brookhaven Town Hall.

community coming together and working hard to learn — and teach — our language and culture, and share theirs with us as well."

Lynch describes some of the ESOL programs now available for BNLers and their families. These include:

Ten free English classes every weekday, including a class in the evening and two during lunch hours. The classes are for beginner, intermediate, and advanced levels and are taught by Lynch and volunteer tutors. A new tutor, Olga Dulneva, teaches two beginner classes. Some classes are for students who have children. Says Lynch, "The children are able to come to the learning environment in a play area. This is very helpful for parents who couldn't oth-

erwise attend the classes due to childcare needs."

The French for Speakers of Other Languages classes started in 2007 under the umbrella of ESOL. These popular classes, beginner and intermediate, are taught by Galina Polyanskaya.

"ESOL is extending more into the scientific departments," comments Lynch. "We hold two lunchtime classes, one in the Collider-Accelerator Department and one in Berkner Hall and an evening class that is taught by volunteer tutor Yuliya Kokhalskaya. Scientists are also utilizing ESOL one-on-one services to practice their presentations and improve their speaking skills for their audiences. Recently, Lynch teamed with Beth Lin, Biology Department, and a long-time

Toastmasters member to provide a Presentation Practice Workshop for non-native speakers.

"This workshop was well received and feedback from participants showed that it was useful, so we plan to offer more such workshops this year," said Lynch. "The ESOL program is flexible so we can put extra effort where it is most needed. We're always open for suggestions for new directions."

For more information, see Community News, the ESOL newsletter, available in the Recreation Building, the apartment area laundromat and by e-mailing Lynch. Also, see the ESOL homepage, www.bnl.gov/esol/, or contact Jennifer Lynch, jlynch@bnl.gov or Ext. 4894. — Liz Seubert

Accent Modification Program Planned

BNL employees who have an accent or regional dialect that makes communication difficult may want to join an Accent Modification training program. If your colleagues often ask you to repeat yourself, or misunderstand you, you may find that accent modification for better English pronunciation will give you more effective communication skills. The program will be held on site during August and September. It will consist of one group class and one additional private coaching session each week. To participate in this pilot program or for more information, e-mail training@bnl.gov.

New Grants for Nonprofits To Promote Science, Math, More — Deadline Approaching

Nonprofit, community organizations in Suffolk County still have until July 18 to apply for BNL's new BreakThru Mini-Grants. Local organizations that apply may receive up to \$5,000 to fund a new or existing program intended to increase interest and strengthen skills in science, technology, engineering, and math among 10- to 15-year-old females, African Americans, Hispanics/Latinos(as), and/or Native Americans.

"BNL is thrilled to offer financial support to nonprofits that can expose students to science, technology, engineering, and math in fun and engaging ways," said Jeanne D'Ascoli, manager of the Community Relations office at BNL. "It is expected that the U.S. demand for scientists and engineers will increase at four times the rate of all other occupations during the next decade. These new grants were designed to help local organizations stir up interest in these subjects among Suffolk County students while working to develop a qualified, diverse workforce."

BreakThru Mini Grants, are funded by Brookhaven Science Associates, which manages BNL, and administered by the Lab's Community Relations Office. The awards were created to stimulate organizations that can inspire a new generation growing up in an increasingly scientific and technological world. A total of \$25,000 in grants will be awarded in allotments of up to \$5,000.

BreakThru Mini-Grant applications must be submitted by July 18 for programs operating between September 1, 2008, and August 31, 2009. Applicants are encouraged to apply online at www.bnl.gov/community/breakthru. All awardees will be notified in August 2008. For detailed information on BreakThru Mini-Grants including eligibility, criteria, and more, go to www.bnl.gov/community/breakthru or contact Jeanne D'Ascoli (631) 344-2277 or dascoli@bnl.gov.

Apply today!

Meet Lawrence Lettieri, Katrina Volunteer

Lawrence Lettieri, a senior technical specialist in the Environmental & Waste Management Services Division, performs on-site environmental testing on the job, but, during a week's vacation in February for each of the last two years, he used different skills — in construction — working as a volunteer. Lettieri helped to rebuild homes that were devastated by Hurricane Katrina in New Orleans, Louisiana, and Biloxi, Mississippi.

"Some people ask me why I would spend my vacation time working," Lettieri said. "It depends how you define 'vacation.' For me it means spending time away with family and friends. I went to Mississippi in 2007 and to New Orleans this year with my brother and nephew to help out Hurricane Katrina victims who lost their homes. I spent time with my family, made many new friends, and had fun while I helped others. That's a great vacation for me."

The Trinity Lutheran Church of Rocky Point has organized the annual volunteer effort since Hurricane Katrina hit the Gulf Coast and several southern inland areas in August 2005. Katrina was the costliest and one of the five deadliest hurricanes in U.S. history. Lettieri said that even now, much devastation remains and some entire communities are still closed.

The church sent a group of more than 50 volunteers to each location to help rebuild homes. Most of the volunteers' travel expenses were paid through the church's fundraising, and building materials were either donated outright or



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bought with donated funds.

Lettieri and other volunteers put up insulation and sheetrock and did spackling in three homes. Since Lettieri worked in construction before he joined the Lab in 1992, he has experience in those areas, but he said that volunteers do not have to be experts in construction, just have the desire to help. They can be taught the necessary skills.

"I met the owners of the homes I was helping to rebuild," said Lettieri. "That was gratifying for me, and they were very grateful for the help of the volunteers. Although they have relocated elsewhere, many people still want to come back to their original homes."

He added, "I've always volunteered in various organizations, since my two children were very young, and I have found it rewarding. They are both college-age now, but I intend to keep on volunteering. I'm already planning my next trip to New Orleans with my brother's church group in February 2009." — Diane Greenberg

CALENDAR

— WEEK OF 6/30 —

Thurs. & Fri., 7/3 & 4

Independence Day Holidays

BNL will be closed on Thursday, July 3, as a Lab Floating Holiday, and closed on Friday, July 4, in celebration of Independence Day. No Bulletin will be issued during this week.

— WEEK OF 7/14 —

Wednesday, 7/16

438th Brookhaven Lecture

4 p.m. Berkner Hall. Guangyong Xu, Ph.D., Condensed Matter Physics & Materials Science Department, will talk on polar nanoregions — how a micro imperfection can affect a macro property. All are welcome to this free lecture, open to the public. Refreshments will be offered before and after the talk. Visitors to the Lab of 16 and over must carry a photo ID.

Sunday, 7/20

Start of Summer Sundays: NSLS

10 a.m.-3 p.m. From today and for four more Sundays, all are invited to visit the Lab to explore different scientific facilities. The public is warmly welcomed at these free tours of BNL. No reservations needed. Witness the Whiz Bang Science Show, try your hand at the Brain Teasers exhibit. This week, visitors will be taken to the National Synchrotron Light Source, the brightest light on Long Island and one of the most intense sources of light in the world. Find out how synchrotron light is used to look into all kinds of materials, from moon rocks to computer chips. Visitors to the Lab of 16 and over must carry a photo ID.

— WEEK OF 7/21 —

Tuesday, 7/22

Sambamurti Lecture

3:30 p.m. Physics Large Seminar Room, Bldg. 510. Christine Aidala, University of Massachusetts Amherst, will talk on "The whole story behind a half: The quest to understand the proton's spin." All are welcome.

Wednesday, 7/23

BSA Noon Recital: Pianofest

Noon. Berkner Hall. Prize-winning participants in Pianofest, a summer workshop held in the Hamptons, will be selected by the workshop's founder and director, Paul Schenly to perform from the great classical repertoire Sponsored by Brookhaven Science Associates, the company that manages the Lab, the concert is free and open to the public. All visitors to the Laboratory age 16 and over must bring a photo I.D. For more information on Pianofest go to: <http://www.pianofest.com/>

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.



The Wilder side Of Some BNL Residents

Photos by Roger Stoutenburgh



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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/.

To apply for a position, go to www.bnl.gov. Select "Careers at Brookhaven" then "Employment Opportunities."

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

POSTDOCTORAL RESEARCH ASSOCIATE - Requires a Ph.D. in civil, structural, mechanical engineering with experience in non-linear, finite element analysis of steel and reinforced concrete structures or components. Experience calculating the dynamic response of structures and piping subjected to earthquake loads and using probabilistic-based analysis methods is also desirable. Work will involve one or more of the following programs: a) comparing the results of various seismic analysis methods with data from large-scale seismic tests of structures and components; b) developing and improving analytical methods for assessing the effects of aging related degradation on the performance of structures and passive components; c) applying probabilistic-based methods in determining the seismic capacity/fragilities of structures and equipment; d) analyzing nuclear power plant structures and components in support of safety issues being pursued by the U.S. Nuclear Regulatory Commission related to the licensing of proposed new reactors. Candidate would work with structural analysis computer codes that are used to predict the seismic and dynamic response of structures and structural components with the purpose of assessing the safety of existing or proposed nuclear plant facilities. In addition, work would include the review and evaluation of seismic and structural analysis/design of nuclear power plants. Under the direction of C. Hofmayer, Energy Sciences & Technology Department. Apply to Job ID # 14518.

POSTDOCTORAL RESEARCH ASSOCIATE - Requires a Ph.D. in materials science or solid-state physics with experience in crystal growth of II-VI semiconductors [hands-on experience in processing and testing of crystals and radiation detectors based on compound semiconductors, such as Cadmium Zinc Telluride (CZT)]. The work will involve growth of CZT and CMT materials and characterization of their electrical, optical, and structural properties of the materials, as well as detector fabrication steps including cutting, polishing, etching, surface pas-

sivation, and electrode deposition. The candidate will be involved in testing CZT and CMT detectors with standard gamma-ray sources and x-ray beam lines at the NSLS. Under the direction of P. Vanier, Nonproliferation and National Security Department. Apply to Job ID # 14519.

SCIENTIFIC STAFF POSITION (ASSISTANT/ASSOCIATE LEVEL) - Requires a Ph.D. in physics, chemistry, materials science or related field and several years of postdoctoral experience. Expertise in the use and/or developments of ultrafast laser systems including regenerative amplifiers and optical parametric amplifiers is required, as well as experience in the application of ultrafast techniques (e.g. femtosecond transient absorption spectroscopy and/or femtosecond fluorescence upconversion spectroscopy) to materials research. Good communication and interpersonal skills are also required. The successful candidate will join an interdisciplinary team studying photovoltaic materials and other functional nanomaterials by means of advanced electrical and optical characterization instrumentation that includes a state-of-the-art ultrafast transient absorption system. The candidate's primary responsibility will be, in comparable proportion, to conduct independent research and to work along with external users on ultrafast spectroscopy and optical processes in nanomaterials. In addition, the candidate will use their expertise to collaborate with members of the CFN team and other BNL Groups in research topics of common interest. The level of the position will be based on the background and experience of the selected candidate. Under the direction of C. Black, Center for Functional Nanomaterials. Apply to Job ID # 14520.

STAFF SPECIALIST (A-6) - Requires a bachelor's degree in accounting or business administration, and at least 4 years' related experience. Demonstrated ability in auditing financial records, use of business information systems, preparation of documents excellent written and oral communication skills, proficiency in Excel and other MS Office products, and experience with PeopleSoft budgeting, queries and reports required. Extensive administrative experience should include financial performance and analysis, accounting procedures and policies, coordination and administration of program funding, and financial reporting. Overall responsibilities will include financial administration, management and maintenance of the US Support Program to IAEA Safeguards for the International Safeguards Project Office's (ISPO) by utilizing all available resources for the reconciliation, analysis and quality assurance checks of programmatic funding and expenses, and improvements of internal financial tracking procedures and processes. Nonproliferation and National Security Department. Apply to Job ID # 14521.

Motor Vehicles

05 BUICK LESABRE LTD - garaged, waxed quarterly. Oil changed every 3,000 miles. 84K mi. \$9,500/neg. Dennis, Ext. 4028 or 6313758519.

04 SUSUKI INTRUDER - 1500 intruder ice blue & silver. shield, bags, lights, hyd cluch shaft drive 44 mpg. Nice ride. 4600 mi. \$6,500/neg. Edward, Ext. 4427.

03 MERCURY MARAUDER - Black/Black, auto start, 6 cd changer, loaded, warr., excel. cond. 19K mi. \$28,500/neg. Bill, 379-7961.

96 HONDA CIVIC EX - dk green, a/t, a/c, p/s, p/b, abs, remote start, am/fm, c/c, alarm, gd. gas mi. 171K mi. \$3,100/neg. Tsong-Lun, Ext. 2389 or 751-1224.

96 FORD F-150 - clean, runs well, new tires, a/c, all pwr, gd. sound system. \$2,900/neg. Billy, 834-6637.

95 FORD TAURUS SHO - green, 2dr, p/s, a/c, great running car, excel cond. \$2,300/neg. Ext. 3571 or 873-4658.

95 HONDA CIVIC DX - 2dr. hatchback, red, a/t, am/fm/cass, good cond., new alternator, . 110K mi. \$2,500/neg. Ext. 7899 or 846-9292.

86 CADILLAC 4 DOOR SEDAN - p/w, p/l, p/seats, 15/25 mpg. c/d, brown w/wh top, white lthr int. runs, needs work. 87K mi. \$1,000/neg. Betty, Ext. 3562 or 758-2653.

71 OLDS CUTLASS SUPREME - . 75K mi. \$2,500. kevin, 631-514-4772.

Boats

39' SEARAY EXPRESS CRUISER - loaded, radar, chartplotter, autopilot, bilge sniffer, computer, GPS, dual a/c, sleeps 6. \$37,995/neg. Bob, 587-2185.

LOBSTER TRAP - metal wire, unused, excel. cond., \$50. Steve, Ext. 4925.

Furnishings & Appliances

AIR CONDITIONER - Portable, gd for single room, 5,000 BTU, lifts in & out of window, 42 lbs., like new, \$65. John, Ext. 5750.

ARMOIRE - French Country Style, Honey Alderwood, 39w x 78h x 19d, \$250. 878-9020.

CURIO - w/glass shelves, can email pic, plg917@yahoo, \$40/as is, u-pic-up. 708-6239.

DINING SET - table 42"x64", 4 chairs & 2 armchairs, matching cabinet 19"x62", excellent cond. \$289. Hong-Bo, 751-0517.

DISH WASHER - Like new, white. As is, you pick up. \$200, OBO. Jorge, Ext. 5126.

FULTON SOFA/BUNK BED - White metal frame, excellent cond, \$100. Ext. 7505.

GAS STOVE - White, like new. As is, you pick up. \$300, OBO. Jorge, Ext. 5126.

HEATED MOTORCYCLE GLOVES - Gauntlet gloves, large, w/on/off switch, runs off motorcycle battery \$25. Lee, Ext. 6306.

LIVING ROOM FURNITURE - Dresser w/6 drawers & 2 doors, French provincial, good cond., 65"Lx34"Hx20"W. \$100. 476-0627.

MICROWAVE - Over the range, black, like new. \$150, obo. Jorge, Ext. 5126.

REFRIGERATOR - med. size GE 19.6 cu ft side by side w/through dr. ice, white, works well, \$150, Beeper 4406. Rich, Ext. 5741.

SOFA, LOVESEAT - wall unit, asking price \$700. Cynthia, 803-0005.

Audio, Video & Computers

CAMCORDER - DVD-R, Panasonic, 10x op zoom, 24x dig zoom, 2 batt w/charger, 4 xtra mini dvd's, carry case, inst book, USB, \$175. Nancy, Ext. 4567.

HOME STEREO - Great RCA home stereo. 5 disc changer. AM/FM radio. Dual tape playback. Remote Control. \$75. Patrick, Ext. 3664 or 765-461-6233.

Yard & Garage Sales

FLANDERS - Moving sale, tools, hunting equipment, fishing rods, games, child toys, furn., Sat., 6/28 9-4. Ext. 7647.

Car Pool

BAYSIDE, QUEENS - Am interested in a car pool from Bayside, Queens or Nassau County. My hours are 8:30-5, M-F. Angela, 917-605-3656.

Sports, Hobbies & Pets

CAMPER PARTS - Clearance lights, etc. Asking \$20. Peter, Ext. 5551 or 772-4751.

CHILD BACK CARRIER - Tough Traveler Colt, for child up to 40 lbs, exce. cond., \$75. Steven, Ext. 7862.

GIRL'S BIKE - 24", 10-speed, very good condition, \$10. Ext. 7505.

JAY JR. ACOUSTIC GUITAR - New! For Sale. \$100 or Best Amount Offered. Jennifer, Ext. 4894 or 258-6143.

PET SERVICES - Grooming, boarding, and pet sitting. luvurpet425@myway.com Joan, 255-6989, Samantha, 807-1461.

Tools, House & Garden

2 H.P. PUMP - 2 h.p. sprinkler water pump, like-new condition \$100.00. Michael, Ext. 5262 or 631-284-2277.

LANDSCAPE TIE SPIKES - approx. 100 pcs. in box, 10"L x 3/8"d, \$40, beeper 4406. Rich, Ext. 5741.

PAINT SPRAYER - Electric power painting system in orig. box W/Instructional video originally \$200 asking \$100. Peter, Ext. 5551 or 772-4751.

ROTOTILLER 48 - \$200 3pt hitch rear blade 6'w \$100 & 3 pt hitch/pto wood chipper/ leaf shredder \$100. 872-8963.

TREADMILL - One lifestyler expanse 600 treadmill. \$149. Hong-Bo, 751-0517.

Miscellaneous

ELECT OUTLET BOXES/SWITCHES - assorted, nails/screws, tools, all prices neg, items are in Sound Beach. Ext. 7647.

SPRINKLERS AND POLY PIPE - sprinklers and poly pipe, repairs and installation. Michael, 631-284-2277.

WEDDING DRESS - Demetrios.NWT.Size 14.Ivory, sleeveless beaded V-neck tulle with empire bodice. Attached train.\$500. Pat, Ext. 3670 or 631-543-4960.

Community Involvement

HOST FAMILIES - wanted for international HS students from >60 countries. Jacob Carter 1-866-493-8872 www.yfu-usa.org. Cindy, 874-3652.

Free

ABOVE GROUND POOL - 24' wide by 4 1/2' deep. No one to take care of the pool. New condition, you remove and take home. Joyce, Ext. 4229.

Wanted

APARTMENT NEEDED BY 7/1-15 - Single/mature female researcher, pref Mid Isl/Ridge/Shoreham. No kids/pets. Non-smoker. fcyang@bnl.gov. Jane, Ext. 7056.

DESK - Desk needed for student college apt, need not be computer desk or in great condition. Maryann, Ext. 4705.

HOST FAMILIES - wanted for international HS students from >60 countries. Jacob Carter 1-866-493-8872 www.yfu-usa.org. Cindy, 874-3652.

PAPER SHREDDER - need a gd. paper shredder, free if possible. Mamta, Ext. 3639 or 355-5630.

ROUTER - Looking for a router for internet working perfectly, free if possible. Jose, 631 902 5129.

For Rent

CENTRAL ISLIP - 3 bdrm house, excel. condition. New appliances, fin.bsmt, fenced yard, central a/c, ig sprinklers, alarm syst., gar., min. to LIRR. Sec.+util. \$1,500/mo. Joe, Ext. 4826 or 821-3762.

FLORENCE, CO - Royal Gorge Area, hiking, world-class fly fishing, rafting, antiques, lots for kids to do, www.sissywesthouse.com \$750/wk.

HARRISONBURG, VA - Eagle Trace Timeshare, T/house sleeps 6, waterpark on site, golf, etc. perfect family resort, www.massresort.com, 7/26-8/2 \$500/wk. Linda, Ext. 3750 or 672-4141.

MASTIC - new Apt, 1 bdrm kit. liv/rm combo, full bath, private entr., quiet area, own thermostat, cable/utility incl, nr LIRR, no smkg/pets, w \$750/mo. 335-4907.

MIDDLE ISLAND - Large 1 bdrm 1st floor apt. Sep entry, full kitchen/bath, walk in closet, 5 min. to lab, utilities incl. 1 mo sec. \$900/mo. 924-1010/807-5196.

MILLER PLACE - furn. Colonial house, cac, tv, int., prof. residential area, 10 mi to BNL, own lg. bdrm, incl. all. responsible, non-smoker. \$700/mo. 744-8386.

RIDGE - 3 bedroom house on lake, living rm-dining rm, eat-in-kitchen, 1 bath. available July 15, 2 mos security \$1,600/mo. Gloria, 929-6834.

RIDGE - 3-bdrm house, 1 1/2 bath, lr, dr, kitchen, finished basement, garage, 1/2 acre. Utilities extra. \$1,650/mo. Ext. 3541 or 924-4147.

SOUND BEACH - 1 BR apt. Kitch, LR, full bath. Priv. entr. Front deck. Off street parking. Walk to beach. 20 min to BNL & SUNY. Utilities incl. Avail. immed. \$950/mo. Ext. 5205 or 917-577-1976.

STONY BROOK - 3 bdrm large house, 1 room available. Washer/Dryer, kitchen appliances, close train/bus, stores, ample parking, large backyard w patio. Avail July 15 \$600/mo. Sudeepti, Ext. 4576.

YAPHANK - 1 bdrm. apt., grd. ent., pergo flrs., high hat lighting, lots closet spc., lg. l/r w/fg. window, less than 6 mi. to Lab, no smkg/pets, incl. util/cable \$1,100/mo. 775-6568/681-6651.

For Sale

BELLPORT - 4-BR. ranch, 2 bth, l/r w/dble fp to den, d/r, eik, oak flrs, screened deck, laundry rm, fin.bsmt w/4th BR, bar, full bth, 2 rms; gar., 2 sheds, sprinklers, \$398,000; 949-7797.

MIDDLE ISLAND - 1 bdrm., spacious Co-op, lg, l/r, b/r, d/r & patio, open plan, 2nd flr., all interiors, 2.5 yrs. old rms, bath, kit., appli., many extras, \$145,000/neg. Vatsal, Ext. 5453 or 2203487.

MILLER PLACE - Lovely, well maintained Old Field Ranch. 3 Bdrm, 1 full bath, LR w/fp, Andersen Windows, lg .34/Acre level property w/1.5 car detached garage w/elec \$310,000/neg. Mike, 241-4166.

PORT JEFFERSON STATION - 4 bdrm. Col. in Three Vill SD, vinyl/brick, Minnesauke/Gelinas, gar., Gunite igrp, f/p, sunroom/jacuzzi, 1/3 acre, fen. yd., 2 sheds, new roof \$500,000/neg. Ext. 2159 or 331-7048.

RIVERHEAD - 12x55 Mobile Home w/8x20 add, 2 bdrm, encl. porch, w/d, fridge, stove, R'hd pk 200' to Peconic River, 15 min to BNL, excel cond. \$57,000. 369-1210.

ROCKY POINT - Immaculate: 3 bdrm, 3 bathroom ranch, newly decorated, nice neighborhood, beautiful yard, easy walk to beach. \$365,000. Joann, 790-2966.

SHOREHAM - 4 bdrm, 2.5 bath Colonial, new kitchen, wood floors, private 2/3 acre lot with above-ground pool. 7 min to Lab, low taxes, \$455,000. 356-4299.

In Appreciation

Thank you to all my friends and co-workers for your sympathy and support following the death of my brother.
- Wayne Rambo

Services

A complete list of services provided by employees is on the homepage, under "See all ads" at the bottom, right. Services are not checked or recommended by the Bulletin, and some are out of date. If you no longer provide a service, contact 344-2346 or lseubert@bnl.gov to have it removed. If you cannot access the homepage, call 344-2346 for a printed or e-mailed list.