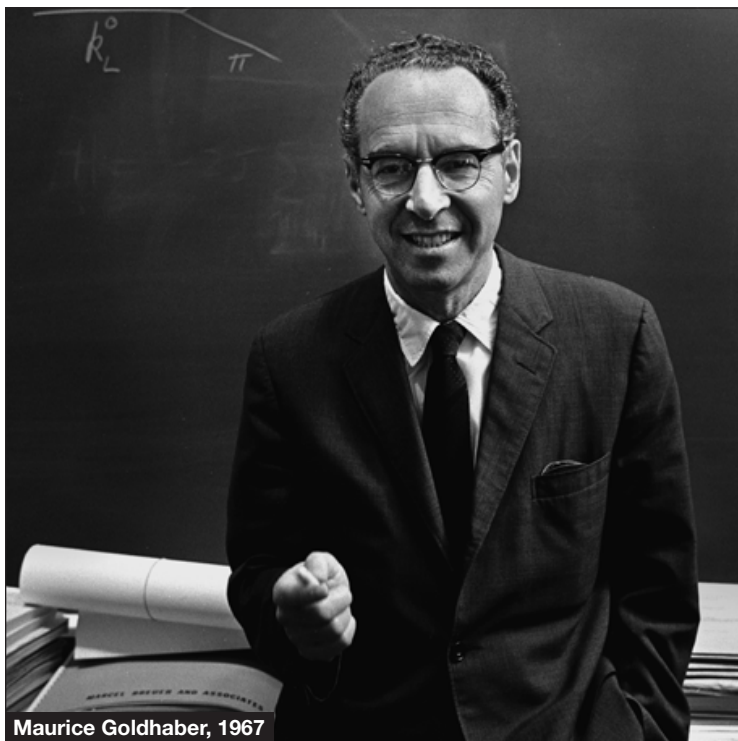


Former BNL Director Maurice Goldhaber Turns 100

On Monday, April 18, BNL will celebrate the 100th birthday of Distinguished Scientist Emeritus Maurice Goldhaber, a highly honored physicist and former BNL Director whose long and extremely productive career has won him many awards, including the Tom W. Bonner Prize in Nuclear Physics in 1971, the J. Robert Oppenheimer Memorial Prize in 1982, the National Medal of Science in 1983, the Wolf Prize in Physics in 1991, and the Enrico Fermi Award in 1999.

Born in Austria, Goldhaber earned his Ph.D. in physics at the University of Cambridge in 1936. Two years earlier, in 1934, with James Chadwick from the Cavendish Laboratory at Cambridge, he had been the first to measure accurately the mass of the subatomic particle known as the neutron, showing that it was not a compound of a proton and an electron as was believed at the time, but a new particle.

In 1938, Goldhaber joined the faculty of the University of Illinois. In 1950, he and his wife, nuclear physicist Gertrude Scharff-Goldhaber, moved to BNL. He became Physics Department Chair 1960-61 and Laboratory Director 1961-73. For their separate scientific contributions, both he and Scharff-Goldhaber were elected members of the National Academy of Sciences and Fellows of the American Academy of Arts & Sciences, the American Association for the Advancement of Science, and the American Physical Society, of which Goldhaber was president in 1982.



Maurice Goldhaber, 1967

Goldhaber's research in the fields of nuclear physics and fundamental particles covers experiment, systematics, technique, and theory. In addition to measuring the mass of the neutron, he contributed to the discovery of the nuclear photo-effect, the role of spin in nuclear reactions, observing the helicity of the neutrino, and a wide variety of physics research that has supported the standard model.

Although he retired in 1985, Goldhaber continued his research at the Lab for many years. To those who saw him working almost daily, he sometimes joked, "I have no time to age." Friends expected and enjoyed his "Goldhaberisms." One ex-

ample: while on an experiment on proton decay, which would indicate the end of all matter, he said of the proton: "May it live forever — but if it dies, let it die in our arms."

Ten years ago, hundreds of BNLers celebrated Goldhaber's 90th birthday with a symposium, reception, and dinner held in Berkner Hall on July 26. Four years later, Goldhaber marked...

See *Maurice Goldhaber* on p. 2

Birthday Wishes to Maurice

From Sam Aronson, BNL

We'll celebrate a wonderful milestone n Monday, April 18 — the 100th birthday of former BNL Director Maurice Goldhaber, a Distinguished Scientist Emeritus whose outstanding contributions to science and to Brookhaven Lab have been honored throughout his career. He is also a valued friend of many, known for his sparkling wit and appreciated for his courtesy to all. Happy birthday, Maurice, from all of us.

From Nicholas Samios, BNL

Maurice Goldhaber is one of the great physicists of the twentieth century. His physics interests are global, from the neutron to the periodic table of nuclei, to the neutrino and all its complexity and then back to the stability of the proton. He is a human physics google. His essence can be encapsulated by his elegant proposition for measuring the helicity of the neutrino, accomplished with A.W. Sunyar and L. Grodzins. It required his encyclopedic knowledge of esoteric nuclei and complete command of the complex physics involved. Without Maurice it may not have been done even up to today. A most productive and imaginative physicist.

From Peter Bond, BNL

Maurice: I fondly recall our various interactions over the years which began with my visit to BNL in 1972 and your graciously taking me to dinner with Trudy, the Sunyars and the Sprouses at the Bellport Inn. While in the early years we didn't have many occasions to talk, I began to learn about what an extraordinary scientist you were. One of the greatest compliments I heard about your science was from Nobel Prize recipient Georges Charpak, who described the neutrino helicity experiment as the most beautiful experiment he knew.

Perhaps as impressive to me was your broad knowledge of science in many fields that allowed you to ask penetrating questions and to come up with creative new ideas in many of those areas. Of course coupled to your continual creative ideas were your famous quips — one I have come to particularly appreciate is "Physics teaches old things to new people."

As a person who is fascinated with history, I have greatly enjoyed your reminiscences of your interactions with the physics greats of the early 20th century. Your talks about that era and our chats in recent years have been highlights for me.

See *Birthday Wishes* on p. 2

Attendees at BNL's 2008 symposium, "Neutrino Helicity at 50: A Celebration of the Goldhaber-Grodzins-Sunyar Experiment"



Joseph Rubino D0670408

Talk: Robots Can Change The Future of Surgery, 4/21

Catherine Mohr, director of medical research at Intuitive Surgical, Inc., a high technology surgical robotics company, will give a talk titled "From Surgeons to Superheroes — How Robots Can Change the Future of Surgery" on Thursday, April 21, at 4 p.m. in Berkner Hall. Sponsored by Brookhaven Women in Science, the talk is free and no registration is required. All visit2ors to the Laboratory age 16 and over must bring a photo ID.

The success of surgical robots depends heavily on the high quality three-dimensional capture of clinical images and the subsequent display of this clinical information to the surgeon. Until recently, these images were limited to reflected white light images, replicating what the surgeon could see. Currently, new imaging technologies that augment the surgeon's senses are being explored for use with less invasive robotic surgery. Mohr will explain how improved imaging has the potential to radically change the way surgery is performed.

Mohr earned a B.S. and M.S. from the Massachusetts Institute of Technology in 1990 and 1992, respectively, and an



Catherine Mohr

M.D. from Stanford University School of Medicine in 2006. Early in her career, she was involved with numerous startup companies that specialize in alternative energy, transportation, computer-aided design software, and medical devices. She moved on to work for many years at AeroVironment, Inc., developing alternative energy vehicles, high altitude aircraft, and high-efficiency fuel-cell power systems.

Recently, Mohr founded a company to commercialize a medical device she designed in medical school. Called LapCap, the device prevents accidental...

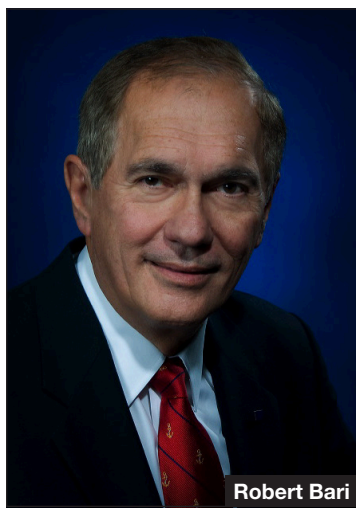
See *Robot Talk* on p. 2

468th Brookhaven Lecture, 4/20

Small Modular Reactors

With good reason, much more media attention has focused on nuclear power plants than solar farms, wind farms, or hydro-electric plants during the past month and a half. But as nations around the world demand more energy to power everything from cell phone batteries to drinking water pumps to foundries, nuclear plants are the only non-greenhouse-gas producing option that can be built to operate almost anywhere, and can continue to generate power during droughts, after the sun sets, and when winds die down.

To supply this demand for power, designers around the world are competing to develop more affordable nuclear reactors of the future: small modular reactors. Brookhaven Lab is working with DOE to ensure that these reactors are designed



Robert Bari

Roger Shoulenburgh D0681109

to be safe for workers, members of surrounding communities, and the environment — and to ensure that the radioactive materials and technology will only be used for peaceful purposes, not weapons.

On Wednesday, April 20, join Bob Bari of BNL's Energy Sciences & Technology Department for the 468th Brookhaven Lecture, titled, "Small Modular Reactors." All are invited to attend this free talk, which is open to the public and will be held in Berkner Hall at 4 p.m. Refreshments will be offered before and after the lecture. Visitors to the Lab ages 16 and older must carry a photo ID while on site.

To join Bari for dinner at an off-site restaurant following the talk, contact Lynda Fitz, Ext. 7235, fitz@bnl.gov.

During his talk, Bari will discuss the advantages and challenges of small modular reactors and what drives both international and domestic interest in them. He will also explain how Brookhaven Lab and DOE are...

See *Brookhaven Lecture* on p. 2

'New York Innovation Marketplace' Workshop at BNL, 4/25

As part of its ongoing Entrepreneurs' Foundation Workshop Series, BNL, in conjunction with the Long Island Forum for Technology, will host the roll-out of the "New York Innovation Marketplace," a web-based resource with information

about accessing innovations and opportunities for commercializing, manufacturing, and distributing products based on these innovations.

A workshop on how to use the new web resource will be offered free of charge to indi-

viduals, research organizations, and companies looking to bring new technologies to the marketplace, and will be held on Monday, April 25, from 1 to 7:15 p.m. at the Laboratory's Brookhaven Center.

See *Innovation Workshop* on p. 2

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 may be found at www.bnl.gov/hospitality/calendar.asp.
- The Recreation Building #317 (Rec. Hall) is located in the apartment area.
- Events flagged with an asterisk (*) have an accompanying story in this week's Bulletin.

— REGULARLY —

Weekdays: Free English for Speakers Of Other Languages Classes

Beginner, Intermed., Adv. classes, various times. All welcome. Learn English, make friends. See <http://www.bnl.gov/esol/schedule.asp> for schedule. Jen Lynch, Ext. 4894.

Mondays & Thursdays: Kickboxing
\$5 per class. 12:15–1:15 p.m. in the gym (Bldg. 461). \$5 per class. Ext. 2873.

Mon., Tues., Thurs., & Fri.: Tai Chi
Noon–1 p.m., B'haven Cntr (Bldg. 30), N. Rm. Adam Rusek, Ext. 5830, rusek@bnl.gov.

Tues.: Hospitality Welcome Coffee
10:30 a.m.–noon. Rec Hall (Bldg. 317). Meet over coffee. Children welcome. Ext. 2873.

Tuesdays: Zumba
Noon–1 p.m., in the gym (Bldg. 461). Registration required, Ext. 2873.

Tuesdays: Knitting Class
2–4 p.m. Rec Hall (Bldg. 317). Learn to knit/crochet — all skill levels. Free. Ext. 2873.

Tuesdays: Toastmasters
Two monthly meetings: 1st & 3rd Tuesdays, 5:30 p.m., Bldg. 463, Room 160. Guests and visitors welcome. <http://www.bnl.gov/bera/activities/toastmasters/>.

Tuesdays & Thursdays: Aerobic Fitness
5:15–6:30 p.m. in the Rec. Hall (Bldg. 317). \$5 per class, or 10 classes for \$40. Pat Flood, Ext. 7886 or flood@bnl.gov.

Tues., Wed., & Thurs.: Rec Hall Activities
5:30–9:30 p.m. in Bldg. 317. General activities, TV, ping pong, chess, games, socializing. Christine Carter, Ext. 5090.

Tuesday & Thursday: Aqua Aerobics
5:30–6:30 p.m., Pool (Bldg. 478). Registration required, Ext. 2873.

Wednesdays: Ballroom Dance
5:15 p.m., 6:15 p.m., and 7:15 p.m. N. Ballroom, Brookhaven Center (Bldg. 30). <http://www.bnl.gov/bera/activities/dance/default.asp>.

Wednesdays: Pilates
5:30–6:30 p.m. at the Rec Hall (Bldg. 317). Registration required, Ext. 2873.

Wednesdays: Play Group
10 a.m.–noon. Meet at Rec Hall (Bldg. 317). Parents meet while infants/toddlers play. For events, see <http://www.meetup.com/BNL-Playgroup/>, or call Ext. 2873.

Wednesdays: Yoga
Noon–1 p.m., B'haven Center (Bldg. 30). Free. Ila Campbell, Ext. 2206, ilac@bnl.gov.

1st Wednesday of month: LabVIEW
1:30–3 p.m., Bldg. 515, 2nd fl. Seminar Rm. Free technical assistance from LabVIEW consultants. Ext. 5304, or Terry Stratoudakis, (347) 228-7379.

Thursdays: BNL Cycletrons Club
5 p.m., Brookhaven Center. First Thurs. of month. Andy Mingino, Ext. 5786.

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

Thursdays: Postdoc Social Night
6:30 p.m. ASAP Lounge (Bldg. 462). www.bnl.gov/asap.

Fridays: Family Swim Night
5–8 p.m. Pool (Bldg. 478). \$5/family. Ext. 2873.

Innovation Workshop from p. 1

The workshop will be divided into two parts: “Overview of the New York Innovation Marketplace,” from 1 to 2:30 p.m., and “Hands-on Innovation Marketplace Workshop,” from 2:45 to 7:15 p.m. Anyone interested may register and attend the overview session. The hands-on workshop is intended for those with either ready-to market technologies or earlier-stage technologies who are interested in learning how to use the New York Innovation Marketplace to make connections with potential buyers or licensees.

Workshop leaders will help participants clearly articulate their ideas or examples in language that attracts buyers, licensees, investors, distributors, and manufacturers. Hands-on workshop participants will also learn how the New York Innovation Marketplace can support their commercialization planning efforts by developing market research reports that include annual sales forecasts, probability of success, fair mar-

Brookhaven Lecture from p. 1

...working to address the challenges and provide a framework before small modular reactors can be commercialized.

Bari is a senior physicist at Brookhaven National Laboratory. He is currently international co-chairman of the working group on proliferation resistance and physical protection of the Generation IV International Forum. He has served on the Board of Directors of the American Nuclear Society (ANS) and is an elected fellow of the society. Bari was awarded the ANS Theo J. “Tommy” Thompson Award in 2003 and, in 2004, he received the Brookhaven National Laboratory Award for Outstanding Achievement in Science and Technology. Bari received his doctorate in physics from Brandeis University (1970) and his bachelor's degree in physics from Rutgers University (1965).

— Joe Gettler

Robot Talk from p. 1

...puncture of the abdomen during laparoscopic procedures. Since its introduction to the marketplace in 2007, the device has gone on to win two design awards for best new medical product.

At Intuitive Surgical, Inc., Mohr evaluates and directs the development of new robotic surgical procedures and next-generation surgical robots. She is also a part-time instructor at the Stanford School of Medicine, where she works in the Goodman Simulation Center in developing a simulation-based curriculum for teaching clinical skills.

— Diane Greenberg

TIAA-CREF One on One Retirement Counseling

A TIAA-CREF consultant will visit BNL on April 13, 18, and 29; and May 5, 23, 26, and 31; and June 8 and 16 to answer employees' questions about their financial matters. The consultant will help to: understand the importance of protecting assets against inflation, find the right allocation mix, and compare lifetime income vs. cash withdrawal options. For an appointment, call 1-800-732-8353 or go online at www.tiaa-cref.org/bnl and select “set up a meeting.”

ket royalties, and much more.

All participants must register for the event by April 21 at this website: <http://www.bnl.gov/imworkshop>. All visitors to the Laboratory age 16 and over must bring a photo ID. For more information, call (631) 344-4919, or email cmichael@bnl.gov.

Other partners in providing this innovation resource for New York State include the New York State Foundation for Science, Technology and Innovation (NYSTAR), and the Eureka! Winning Ways Team from the National Institute of Standards and Technology's Manufacturing Extension Program. Certified coaches and facilitators from Eureka! Ranch and presenters from across New York, including High Tech Rochester, will introduce and demonstrate the New York Innovation Marketplace. Entrepreneurs will learn how to present their ideas as easy-to-understand product or service concepts, accompanied by professional market research insights.

— Diane Greenberg



Roger Stoudenburch 0200199

Birthday Wishes from p. 1

From BNLER David Alburger
After I arrived at the Lab in 1948 my first job was to build a lens-type magnetic beta-ray spectrometer. One of the first papers using that device was on “Isomerism in Pb204” authored by Sunyar, Alburger, Friedlander, M. Goldhaber, and G. Scharff-Goldhaber. Later, just before I left in 1952 on an NSF Fellowship to Sweden, you suggested a problem with a 7-hour isomer in molybdenum whose decay scheme was understood, but its mass was not known. The very first problem that I did at the Nobel Institute of Physics with Sigvard Thulin was to make a source of the isomer and put it into Thulin's mass spectrometer. It immediately gave the answer. My first letter back to BNL had a 2-word text which read ‘ Dear Maurice — Definitely Mo-93’ Sincerely, David.’

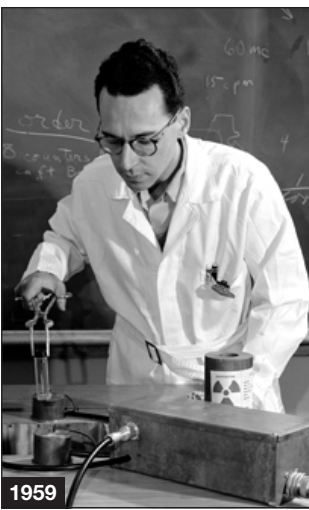
Subsequent years were occupied with research using the 3.5-MV and Tandem Van de Graaffs. But with the small machine gone and the Tandems now used for RHIC injection, I have now returned to a problem in your old field of isomerism. Dick Sutter and I have been working for several years on the 2-gamma decay of the 662-keV isomer in 137Ba following the beta decay of 137Cs. The experiment is going well. We are continuing to take data and will eventually publish.

From Elliot Leader of Imperial College London
My first visit to Brookhaven was in

Maurice Goldhaber from p. 1

...the beginning of BNL's “World Year of Physics 2005” Celebration with his talk on “The Role of Empirical Rules in Predicting Directions in Science,” which he gave as the 400th Brookhaven Lecture, on January 19, 2005. The Brookhaven Lecture Series was started by Scharff-Goldhaber, who gave the 100th lecture on March 17, 1971. Goldhaber had presented the 11th, 200th, and 300th talks on November 16, 1961; May 18, 1983; and November 2, 1994; respectively — to packed and appreciative audiences.

Another red-letter-date in Lab history was May 2, 2008, when a symposium, “Neutrino Helicity at 50,” filled the Physics Large Seminar Room with enthusiastic attendees who were celebrating the half-century-old Goldhaber-Grodzins-Sunyar experiment on neutrino helicity, renowned as an landmark



12-259



Doug Humphrey 3215746

the summer of 1964. It was at the end of my first year as a postdoc at Berkeley. It was for me a most extraordinary summer. The Lab was packed with “famous names.” This was one of the many great achievements of Maurice: to create an atmosphere which attracted to the Lab some of the most eminent physicists of the time: Beg, Lee, Pais, Schwartz, Steinberger, Wick... But even more important from my point of view was the effect of Maurice's personality, his charm, humour, openness, and enthusiasm, which created a very relaxed and friendly atmosphere in the Lab and which somehow rubbed off onto the eminent visitors, so that they became approachable and helpful, even towards such a lowly being as a first-year postdoc. I had a wonderful interaction with Beg and Pais.

Over the years I returned many times to Brookhaven. There were lots of meetings on the beach with Maurice and Trudy and a host of visitors from far afield. Since then, I've been back to Brookhaven a few times and have marvelled at Maurice's energy and enthusiasm for physics, his flow of interesting ideas and suggestions, and his never-failing warmth, charm, and hospitality. Maurice is a supreme example of a wonderful human being.

From Eena-Mai Franz, BNL retiree

A warm ‘Happy Birthday’ greeting from another well-wisher who remembers the liveliness of informal beach sessions with Trudy and

among elegant table-top experiments. Among the many distinguished attendees were Goldhaber; Lee Grodzins, Massachusetts Institute of Technology Professor of Physics Emeritus, and ThermoFisher Scientific; and members of the Andrew Sunyar family. The symposium was held first, to look back at the experiment, which proved that the neutrino particle, at that time little known, had “left-handed” spin, or helicity — and also, to discuss the impact this discovery had on particle physics. In addition, the symposium examined some of the current worldwide activities in neutrino physics and the future prospects for the field.

Goldhaber's impact on fellow scientists and scientific research has been outstanding in many ways, among others, the scholarships given in his honor. In 2001, BNL honored both Goldhabers by creating

Maurice Goldhaber and the friendly atmosphere at parties they hosted or attended as guests.

From Jogesh Pati, Professor Emeritus, University of Maryland

Dear Maurice: I learnt with great pleasure that you will reach the golden age of 100 on April 18. Heartiest congratulations for reaching this milestone, crowned by your truly major contributions to our field, of a permanent nature! Among these is your ingenious experiment determining the helicity of the neutrino, which has been of crucial significance to modern developments in particle physics. Equally impressive (for me) are your pioneering efforts in the search for proton decay, starting with your observation of the lower limit of 10¹⁶ years for proton lifetime based simply on our own longevity. I remembwer with pleasure my discussions with you on several occasions on the need for improved searches for proton decay, starting in the summer of 1973 at BNL, when unified theories provided a strong motivation for instability of the proton. While this matter still remains to be settled, your enquiring spirit will continue to provide a guide and inspiration for the younger generations to probe into the unknown.

On the occasion of your forthcoming birthday, I would like to wish you every happiness, good health and peace for all the years to come.

annual Gertrude and Maurice Goldhaber Distinguished Postdoctoral Fellowships. Many of the Fellows have become staff members, and some moved on to tenured positions at universities and at BNL. More recently, in 2009, Magdalene College, Cambridge University, England, expanded the number of its “named” prizes by the Maurice Goldhaber Prize for Natural Sciences or Mathematics, in honor of alumnus Maurice Goldhaber. This annual prize, which is awarded to a student offering a distinguished performance in experimental or theoretical physics or mathematics, commemorates Goldhaber's association with the college as a Ph.D. student and subsequently as the Kingsley Bye Fellow, and “recognizes Goldhaber's eminent academic career in nuclear and particle physics.”

— Liz Seubert and Diane Greenberg

Invitation to 20-Year Celebration of Toastmasters Club, 4/19

The BNL Toastmasters Club celebrates its 20th anniversary on Tuesday, April 19, at 5:30 p.m. in the Biology Bldg. 463, Room 160. Food, coffee, and tea will be served. All are welcome to join the club members as they practice public

speaking and communication skills in a fun and friendly environment. Contact toastmasters@bnl.gov, Beth Lin, 344-3372, bylin@bnl.gov; or Margaret Foster, foster@aps.org, and www.bnl.gov/bera/activities/toastmasters/.

Roger Stoutenburgh D4010411



Prospective SBU Students Tour BNL

On April 8, more than 100 prospective Stony Brook University (SBU) undergraduate students and their parents toured BNL research facilities. SBU has offered each student in this academically highly qualified group a place in its 2011 freshman class. As part of SBU’s effort to convince these students to accept the offer, the tour enabled them to understand the world-class research opportunities available to them at BNL if they attend SBU. They visited the Biology Department greenhouse (see above), Center for Functional Nanomaterials, Superconducting Magnet Division (see below), National Synchrotron Light Source, and PHENIX detector at the Relativistic Heavy Ion Collider, and listened to presentations by Joanna Fowler, Medical Department, on imaging the human brain in diseases of addiction and Peter Guida, also of Medical, on the NASA Space Radiation Laboratory. A similar tour last year proved very successful: 58 percent of top 2010 prospects selected SBU after their visit to the Lab.

Roger Stoutenburgh D3930411



Science Fair Judges Needed, 5/7

Judges are needed for the BNL Elementary School Science Fair on Saturday, May 7. Please come to Building 400, 2nd floor, to view sample projects and review the judge’s rubric. Contact Bernadette Uzzi, Ext. 2756 or buzzi@bnl.gov.

Elder Law & Estate Planning Update, 5/2

A talk on Elder Law and Estate Planning will be given by Elder Law Attorney Nancy Burner on Monday, May 2, at noon in Berkner Hall, Room B. Please register with Michael Thorn at mthorn@bnl.gov or Ext. 8612.

Changes at the Shipping And Receiving Facility

Work has begun on expanding the Lab’s Shipping & Receiving Facility, Bldg. 98, located along the west side of Rochester Street. Traffic should not be affected as the project continues, but all are asked to use caution and obey all safety personnel as well as posted barricades, warnings, and signs when in the area. To keep the facility’s rapidly changing inventory secure and organized, and to prevent anyone from getting hurt, access to the facility will be restricted and members of the Lab community will no longer be able to pick up their own packages at the facility — during the expansion and into the future. “With forklifts driving around and all the packages that come in and go out, we can only allow authorized employees into the facility now,” said Donna King, Property Manager for the Procurement and Property Management Division. Approximately 190 packages pass through the facility each day. King and her crew strive to ensure that each piece arrives at its next stop as quickly as possible. They also know that, sometimes, with certain experiments and projects, “Now!” is the only option. “There will always be times when a package must get somewhere immediately for an experiment or meeting,” King explained. “Shipping and Receiving is ready for those times, too.” With access to the Shipping and Receiving Facility now restricted, inquire about an important incoming or outgoing shipment by calling Procurement and Property Management supervisors Pat Jencius, Ext. 2300, or Janet Soper, Ext. 2325.

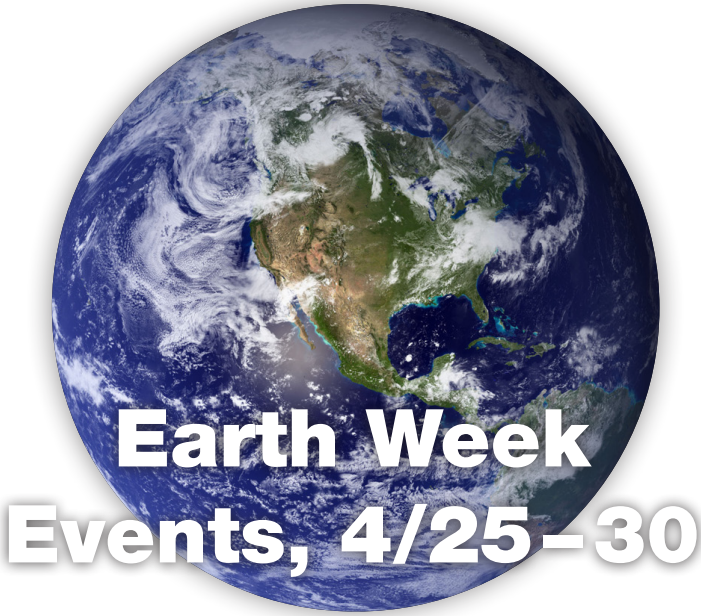
Arrivals & Departures

— Arrivals —

Jennifer Abramowitz CEGPA
Srikantha Chilakala..... Safety/Hlth
Jeffrey Hoogsteden... Photon Scis
Christopher Ribeiro.....Counterintell
Xiao Tong CFN

— Departures —

James Ciston CFN
Cathi Schwarting Site



During Earth Week 2011, Lab employees can learn more about BNL’s activities in alternative energy research, on-site pollutionw prevention, and personal behavior choices that affect our lifestyle and community in direct and lasting ways.

The goal of the week’s events is to get everyone involved and committed to year-round sustainability practices. For more information, see www.bnl.gov/earthweek/.

4/25-29: Earth Day Sustainability Quiz

Take the Earth Day Sustainability Quiz and be eligible to receive an Earth Day giveaway (<http://training.bnl.gov/course/earthday/>).

4/25-29: Environmental Displays

11:30 a.m.-1:30 p.m. Berkner Hall lobby. Enjoy photos of BNL wildlife and the environmental posters created by children from local elementary schools as part of BNL’s annual “Your Environment” art contest.

4/25—29: Environmental Pledge Tree

4/25-26, 11:30 a.m. to 1:30 p.m. Bldg. 400 lobby,
4/27-29, 11:30 a.m. to 1:30 p.m. Berkner Hall lobby
Place your pledge on the tree and get a sustainability awareness bracelet. Donations will be sent to the Foundation for Ecological Research in the Northeast (FERN), a not-for-profit organization that conserves, protects, and enhances habitats in the Northeast through research, education, and dissemination of information. Also, great giveaways! For more information, contact Jason Remien, Ext. 3477.

4/25, 26: BNL Office Swap

11 a.m. to 1 p.m. Berkner Hall lobby. Support BNL’s Housekeeping Standard to help ensure a safe, healthy, and clean environment for all workers. Clean out your office, conference rooms, and supply closets and get rid of clutter. Bring unwanted supplies to Berkner Hall lobby and swap or just take what you need — for free! All supplies not swapped for use at the Lab will be recycled. For more information, contact Francine Donnelly, Ext. 3381.

4/26: Lunchtime Talk: Home Heating: How Much Can I Save?

Noon to 1 p.m., Berkner Hall, Room B. Tom Butcher, head of the Energy Conversion Group in the Sustainable Energy Technologies Department, will speak on efficient boilers for home-heating systems. Find out how you can make your home more efficient and less costly to heat during the winter.

4/27: Environmental Vendor Fair

11:30 a.m. to 1:30 p.m. Berkner Hall lobby. Learn about “green” products, energy and ecological conservation from more than 20 local vendors. For more information, call Ruth Comas, Ext. 3545.

4/28: ‘Your Environment’ Art Contest Awards Ceremony

4 p.m. Berkner Hall. Join us for the annual “Your Environment” art contest awards ceremony for children from local schools. For more information, contact Karen Ratel, Ext. 3711.

4/29: Hybrid Vehicle Display

10 a.m.-2 p.m. Berkner Hall parking lot. See what’s new in the world of hybrid vehicles from local car dealers. This event is open to the public. Employees are welcome to invite family and friends. For more information, contact Jeff Williams, Ext. 5587.

4/29: Bird Watching Walk

Noon-1 p.m. Meet at noon in Berkner Hall upper lobby to be taken on a bird-watching Lunchtime Tour. Wear appropriate clothing and shoes, use tick repellent, bring binoculars if you’d like. Lab ecologist Tim Green and bird-watcher Ernie Lewis will guide the group and provide commentary. All employees are invited. Return to Berkner by 1 p.m. Bad weather? Call Elaine Lowenstein, Ext. 2400.

4/30: Suffolk County Environmental Center Earth Day Festival

Scully Estate on the Great South Bay, Islip. The Environmental Protection Division will represent the Lab at a booth with interactive displays and giveaways. Many other booths to see. A free, fun day for all, with “green” information and activities for children. Bring your family and friends and show your support for BNL and Earth Day. For more information, contact Jason Remien, Ext. 3477.

Win a Bicycle!

For every Earth Week event you participate in, you’ll receive a chance to win a great door prize — including a new 21-speed Diamondback Sorrento Mountain Hardtail bicycle.

Share the Ride, Save Gas

BNL participates in Long Island’s Commuter Choice Program. With gas prices on the rise, this is a great time to start ridesharing. Save money by sharing driving expenses and by reducing daily wear-and-tear on your vehicle. Get started. See www.bnl.gov/rideshare/.

CALENDAR

Today, Friday, 4/15

Research Library Webinar: Inspec
11 a.m. Research Library, Bldg. 477. As part of National Library Week, the Library is hosting a webinar on Inspec, a bibliographic database for physics, electrical engineering and electronics, computers and controls, and information technology from 1898 to the present. All are welcome.

— WEEK OF 4/18 —

Wednesday, 4/20

*468th Brookhaven Lecture

4 p.m. Berkner Hall. Robert Bari, Energy Sciences & Technology Department, will talk on “Small Modular Reactors.” All are welcome to this free lecture, open to the public. Visitors to the Lab of 16 and older must carry a photo ID. See p.1.

Dance Social: All Welcome

5:30-8:30 p.m. Brookhaven Center North Ballroom. All are welcome to come, dance. DJ provided. \$5 donation appreciated. For more information, call Vinita Ghosh, Ext. 6226, Kathy Tuohy, Ext. 3845.

Thursday, 4/21

*Talk on Robots for Surgery

4 p.m. Berkner Hall. Catherine Mohr, M.D., Director of Medical Research at Intuitive Surgical, Inc., will talk on “From Surgeons to Superheroes — How Robots Can Change the Future of Surgery.” All are invited to this free talk, sponsored by Brookhaven Women in Science. Visitors to the Lab of 16 and older must carry a photo ID. See p.1.

— WEEK OF 4/25 —

Mon.-Sat., 4/25-30

*Earth Week Events

See agenda at left.

Monday, 4/25

*N.Y. Innovation Marketplace

1-2:30 p.m. Brookhaven Center. Overview of the “New York Innovation Marketplace” workshop, part of BNL’s and the Long Island Forum for Technology’s Entrepreneurs’ Foundation Workshop Series. All are welcome. See story, p.1.

IBEW Meeting

6 p.m. Centereach Knights of Columbus Hall, 41 Horseblock Rd., Centereach. A meeting for shift workers will be held at 3 p.m. in the union office. The agenda includes regular business, committee reports, and the president’s report.

Tuesday, 4/26

*Talk: Save on Home Heating

Noon. Berkner Hall, Room B. Tom Butcher, Sustainable Energy Technologies Department, will talk on “Home Heating, How Much Can I Save?” All are welcome. See left.

Wednesday, 4/27

Dance Social: All Welcome

5:30-8:30 p.m. See notice above, 4/20.

Camera Club Meeting, 4/28

Anyone interested in photography is invited to attend the next Camera Club meeting, which will be held on Thursday, April 28, at noon in Bldg. 400’s Conference Room 2. For more information, contact Joe Gettler: jgettler@bnl.gov.

BERA Sports Tickets, Trips

Buy tickets at the BERA Store, Berkner Hall, weekdays, 9 a.m. -3 p.m. for Long Island Ducks and New York Mets games as well as trips to Brooklyn Botanic Garden, (May 7, \$22 per person), Chelsea Market & Meatpacking District, and High Line Park (April 30, \$60 per person). Find more information at <http://www.bnl.gov/bera/recreation/events.asp>.

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 "Job Opportunities," then "Search Job List."

Open Recruitment – Opportunities for Lab employees and outside candidates.

TOOL & INSTRUMENT MAKER (LG-11, Temporary Appointment) - Regularly performs the duties of a Tool and Instrument Maker, working on CNC machine tools, performs bench work to load and edit pre-determined programs and correct for machine performance and/or typographical errors. Completes setup of CNC/NC equipment and monitor displays. As required, works with the CAM system programmer on the shop-floor to determine programming alternatives. Must be proficient in manual programming techniques at the G-code level. Maintenance and Fabrication Division. Please apply to Job ID # 15526.

Motor Vehicles & Supplies

07 KAWASAKI NINJA ZX-6R – 5.5K mi. all black, orig owner, many extras, like new! \$5,700 neg. Debbie, 942-4336.

04 JEEP GRD CHEROKEE LTD – 92K mi. all pwr, leathr int, m/roof, Navig, 10 disc cd, newer tires, gd cond. \$12,000 neg. Ext. 3252.

03 CHEVY CORVETTE – 18.96K mi. 50th anniv ed, convertible, heads up display, a/t, w/ext. car cover. \$29,300 neg. Ext. 3687.

90 CHEVY ASTRO VAN – 153K mi. 4.3L V6, a/t, a/c, am/fm/cd player, 8 pass, 4 new tires/ fuel pump, \$1,150 neg. George, Ext. 5782.

87 CHEVY CORVETTE – 92K mi. yellow, mnl tranny, 30K on rebuilt eng, new ZR-1 rims/tires/ batt/starter/radiator. \$6,500 neg. 261-2502.

76 CHEVY CORVETTE – 72K mi. cust.CAN-AM-Wide Body, 4 new tires/brakes & lines PGP paint yllw a/t. \$13k neg. 602-614-6729.

18 – 18x8 and 18x9 TRMotorsports MT1's w/ Hankook Ventus V12 tires, fits BMW 3 series 2006+, \$1000/firm. Mark, Ext. 3970.

BRAKE BUDDY TOWING SYSTEM – for flat towing of any vechile, works well, used a few times, \$400. Paul, 978-6008.

HARDTOP – for a jeep wrangler, ask/\$450. Bobbi, 291-0245.

RIMS W/TIRES – 4 18" RT6 Enkei 360 perf. rims; 6 Lug; excel cond, less than yr old, ask/\$700, pd/\$1,800, pics avail. 813-6583.

Boats

18' SEA HUNT TRITON 186 CNTR CONSOLE – '05 Boat w/'05 Yamaha 115. 55 gal fuel tank, trailer, extras. \$12,800 neg. 294-2278.

ANGLER 160 DLX KAYAK – new, sw/paddle, bought last yr/\$750 never used, in perf shape, \$500/obo, u-pic-up. slattuca@bnl.gov.

Furnishings & Appliances

5PC KITCHEN SET – wood, 4 chrs, Rnd Table w/built-in leaflet,will seat 6-8, buyer must pic it up, ask/\$300. Ext. 2431.

AIR CONDITIONER COMPRESSOR – for 2000 sq ft home, 8 yrs old but never used, \$150/obo. 878-9020 or sivertz@bnl.gov.

AIR CONDITIONERS – 2/a/c, bought 7/2010, excel, 1/GE 5,000 Btu, ask/\$85; 1/Haier 10,000 Btu, ask/\$150. 445-4027.

AIR CONDITIONERS (5) – all fairly new,(2)8K Btu/\$100/ea;(2)6K Btu/\$75/ea; 1/5K Btu/\$50/ea or \$350/all. 974-6452.

FAX/ANS. MACH/CORDLESS PHONE – Panasonic KX-FG6550 2 line phone fax + copy plus refill. \$100. Google 5 star. Bob, Ext. 3476.

I-ZONE YOUTH LOFT BED – w/audio, bkscse, drawer, twin metal loft w/audio & ladder, pic avail., \$800. arajnauth@bnl.gov.

PFALTZGRAFF GRAPEVINE SET – most of set worth \$500, ask/\$250/all or will neg/ indiv pieces, details from skiss@bnl.gov.

SOFA SET \$400, QUEEN MATTRESS – \$200, many other items all as new. Rehana 818-300-5266 or reha.ismail@gmail.com.

WOOD FURNITURE – kit hutch, wood hutch/baker's rack, white-wash finish, \$50; coffee & end-tables b/o. Sonya, Ext. 7226.

Audio, Video & Computers

18 – Envision EN-985e 18" CRT Monitor, \$20 obo, picture avail. Ext. 4921.

2 KEYBOARDS – Yamaha Motif6; Korg Triton Le 61 keys, both in gd cond, \$600/ea/neg. John, Ext. 5219, 602-614-6729.

BOSE SOUNDDOCK SERIES II – Digital music system, compat w/all iPhone & most iPod models, \$200/neg. 347-581-3731.

BOSTON ACOUSTIC VR3 SPEAKERS – 250 Watt towerspeakers, mint cond Loud. pd/\$500, ask/\$300. Bill, 525-1392.

DELL LATITUDE E6500 – 15.4" LED scrm, core 2 duo p8600, 4GB ram, 250GB 7200rpm HD, webcam, warr, \$625 firm. Ext. 3970.

MACINTOSH COMPUTER – 6400VEE, video editing ed, OS 8&9,40 GB HD,w/net card, more, \$150/obo. Don, Ext. 2253.

POWERED SAMSON MONITORS – 2 slightly used, 15", in/outdr, DBA500 powered, built-in amp, ask/\$700. 347-581-3731.

Sports, Hobbies & Pets

BADMINTON RACQUET – new APACS Visibl Hllow 1800/\$65; used APACS Nano 9900 Pwr + 1 used APACS Lethal 11/\$55, Ext. 3725.

ELLIPTICAL EXERCISE MACHINE – Body-Fit, computer, variable resist, manual, used 2ce, \$125/ff you pick up. Ext. 2913.

HALF BOARDER WANTED – experienced English rider for 6y/o Warmblood X. WTC, Jumps 3'6", trailer loads, stands on crossties, clips, bothes, 942-4336.

MALTESE/SHIH TZU DOG – 20 mos, under 10 lbs, grt w/kids/pets, playful, trained, w/chip & papers, gd home only, \$450/neg. 445-4027.

MEN'S IRONS – 3-P, Vectra, senior-flex, graphite shaft, gd for beginner, gd cond, \$35. Bob or Sharon, 929-4270.

SPORT BOWFLEX – folds up, gd cond, ask/180. Bobbi, Ext. 2332.

SURFBOARD – BIC 7'6". dd for beginner/\$150. Michael, 878-9384.

TRIATHLON COACHING – USAT Coach, R. McKeown will help you reach goals. 252-5659, robert@southshoretricoach.com.

WET SUIT – womens sm, 7 ml oceanic, used twice \$150. jmaddock@bnl.gov.

X-16 GOLF CLUBS – Callaway equipment-steelhead X-16 irons 3-LW, Rifle uniflex steel shafts & grips, ask/\$225. 484-2114.

Miscellaneous

BABY'S ITEMS – Safety 1st Rocking Jitter Buggy, \$10, pic on request. irachel@bnl.gov.

BABY JUMPEROO – Fisher price rainforest jumperoo, excel cond, ask/35. Ext. 5360.

FISCHER BABY GRD PIANO – prob. from 1949, needs refurbish, u pic up, ask/\$400. Robert, 294-2278 or rlombardi@bnl.gov.

TIME MACHINE – Kinetic display clock, fun for all as you roll forward in time. Used but in orig box, batteries req, \$25. Ext. 2899.

Yard & Garage Sales

ROCKY POINT – 4/16 & 17, 9a-3p; multi-family, furn, childrens clothes, toys, etc, 20 Westchester Dr. Tom, Ext. 3085.

Community Involvement

FREE VOCAL TRAINING – Ladies, L.I. Sound Chorus, a member of Sweet Adelines Internat., offers lessons. marron@bnl.gov.

Happenings

BROOKHAVEN HOSPICE OUTREACH – On Thurs. April 28, Clare Rose Playhouse presents *Don't Tell Mother* Wine & Sweets 7 p.m., Showtime 8 p.m. Donation \$20. Henry, Ext. 5370, 687-2960.

CHINESE AUCTION/CRAFT FAIR – Sat, April 16, 9am-3pm, to support Riverhead NJROTc, Riverhead HS, 700 Harrison Avenue. 645-1349.

FUNDRAISER FOR PETER GANNON – Mercy HS 1985, diagnosed w/brain cancer. Rock Hill Country Club, May 56-9pm. friendsofpetergannon.com, dinner \$50 & raffle items. Joe Macedonio, 428-9191.

GOLF OUTING – VFW Post #6249, in Rocky Point presents 4th Annual Wounded Warrior Golf Outing on Sept. 26 to benefit US soldiers at Calverton Links GC. <http://www.vfw6249.org>. 744-9106.

SHEN YUN PERFORMING ARTS – Show in Lincoln Cntr, 6/23-26, shenyunperformingarts.org George, Ext. 4033.

Free

STUFFED ANIMALS – some w/tags, unused, I have 2 bagfuls in my car! Kelly, Ext. 8938 or kellys@bnl.gov.

Wanted

BEFORE AND AFTER CARE – Teacher mom needs before care 7-8am and after care 3:15-5pm in my Waiting Hollow Home, Rvrhd SD for 2 kids ages 10 and 11. Beth, 208-0611 or pjohnson@bnl.gov.

DONATIONS OF DOG/CAT FOOD – for pets of struggling families/elderly and or Kent Animal Shelter. Collection bins are in bldgs 134, 400, 510 (X5864), 725, 901 and 902. Ext. 3161 or kratto@bnl.gov.

FIREARMS – new or old, will pay fair \$\$\$ Joe, Ext. 3783, 487-1479.

FIREWOOD – cut downed hardwood logs oak, maple, etc 14"-20", split or non split pcs, will remove free nr Rocky Point vicinity. Michael, Ext. 7861, 849-2329.

HAVAHART RACCOON TRAP – I'm looking for a lg Havahart trap to catch a racoon. Kevin, Ext. 3448 or kcampbell@bnl.gov.

LEAF BLOWER – wanted for FREE, if need a home for your old blower, please contact me. Ext. 4495 or mjones@bnl.gov.

NEOCATE INFANT FORMULA – only unopened & unexpired, need for child w/ milk/protein allergies, slattuca@bnl.gov.

PLEASE HELP STUDENT – Needs round trip transport W. Babylon to BNL one day a wk or more. 7/7-8/31. He could also meet in neighboring town, i.e. Bay Shore, etc. Kathleen, Ext. 3161 or kratto@bnl.gov.

PORTABLE CRIB – need ASAP so that my new granddaughter can come and visit. Rich, Ext. 7013.

TUTOR – Algebra tutor in East Moriches area, reasonable rates. Donna, Ext. 2716, 878-2425 or storan@bnl.gov.

UTILITY TRAILER – sm, w/4 sidewalls, 2" hitch, for camping gear. Al, 456-2270.

For Rent

FORT MEYERS BEACH, FL – 2 bdrm condo dir on beach, nr all, kit, l/r d/r area, laundry, scrmd porch, pool, deck, more, 5/28-6/4 Mem. wk. \$1,000/wk. Ext. 5124.

WEEKI WACHEE, FL – priv Gulf Coast Ranch, 45m Tampa, fly Islip dir, screen/ igrp, 3 bdrm, 2/bath, d/r, f/p, 2x gar, photos. 2x gar, shed. \$950/mo neg. 344-5537.

AQUEBOGUE – 3000 sq ft condo, 3.5/ baths 2/kitch, 2 car gar, priv walk on beach, heated pool/deck/patio/extras, 1 yr lease at a time. \$2,400/mo. Carmine, Ext. 5101.

BELLPORT VILLAGE – 1 bdrm upstairs apt in 2/fam home, fully carpeted, light, prvt drway/ent; no smkg/pets, village amenities, util incl, avail May 1st. \$1,100/mo. 275-0745.

BRANTLAKE, NY – For sale but avail for summer wkly/monthly rental; sleeps 6-8, no pets (<http://tinyurl.com/3flvd2d>). \$1,195/wk. 786-3446, siden000@yahoo.com.

MASTIC – single person to rent 1 bdrm, newly remodeled hse, ope fir plan eik, fb, l/r, no smkg/pets, 1 mo sec & rent, + util. \$900/mo. 399-6808.

MASTIC – 3 bdrm, 2.5 ba house, fully equip-pd eik, W/D, basement, 1-car gar. patio, a/g pool. 7 mi/BNL. Rmmates, some pets OK w/ refs. +utils, sec. \$1,950/mo. 790-7179.

MASTIC-SHIRLEY – beautiful 1 bdrm apt, some furn, nr shopping, grt location, no smkg/pets, plus sec. \$1,000/mo. 255-5374.

MIDDLE ISLAND – North of Middle Country Rd, priv ent, 600 sq ft, newly renov, lg kitch, lg 1 bdrm/walk-in closet, pantry, incl all. \$950/mo. Jerry, 394-7661.

MIDDLE ISLAND – 1 bdrm in lg bsmt apt, pvt ent, phone, cable, int, strictly no pet/ smkg, quiet, all incl, nr Lab, BNL employee only, 1 mo sec. \$800/mo. 672-2451.

PATCHOGUE – spacious 1 bdrm apt, fully furn optional, lg kitch, l/r, priv side ent, cable/int, a/c, elec not incl. \$1,100/mo. JoAnne, 338-8721.

RIDGE – 3 bdrm/1 ba cozy home, quiet, 3.5 mi to BNL, hdwd flrs/part bsmt, w/d, updated appli, no smkg/pets please, util not incl. \$1,500/mo. Kristy, 834-9176.

RIDGE – lg 1 bdrm/1 bath, 7 min to Lab, heat and a/c, all utils,w/d, cable, priv ent/d'way. \$1,000/mo. Marie, 236-9114 or mcjrbj@gmail.com.

RONKONKOMA – 5 bdrm/poss/6, Hi Ranch, upper/lr/dr/eik/bath, 3 bdrm, laundry; Lower/2 bdrm, bath, f/rm, eik, bath, util 6-car drwy, fen yd, \$3,500/mo. 244-7000.

SHIRLEY – main flr, 1 bdrm apt, pvt ent, lr/kit cmbo, granite, new appl, full bath, hdwd flrs, off st prkg, no smkg/pets, sgle, cred chck 1st & last sec, \$1,000/mo. incl all. 848-6353.

SHOREHAM – share a hse w/professional, lg furn bdrm, cable, int, no smkg/pets, 8 mi to BNL, avail now. \$675/mo. 516-380-2650 or gg19582003@gmail.com.

YAPHANK – Whispering Pines: Immac furn 3 bdrm condo, kit w/new appli, hdwd flrs, fin bsmt, w/d, no smkg/pets, 1 mo sec, first/last mos rent, refs req. \$1,200/mo. 987-3331.

YAPHANK – lower level apt, ideal for 1, suit for 2, 1 bdrm, lvg area, eik, F/bath, sep ent, util incl except cable/phone, immed occup, 5 min to Lab. \$1,000/mo. 816-6424.

For Sale

WEEKI WACHEE, FL – priv gulf coast ranch, 45m Tampa, screen/igrp, lanai, fruit trees, 3bdrm, 2bath, lg d/r, f/p, 2x gar, shed, see photos. \$129,000 neg. 344-5537.

BAYPORT – Grt. S. Bay area, 2,300 sq.ft ranch, nr.1 acre, wooded, priv., 3 bdrm, 2+half ba, den, lr/dr, kit, util rm, scrmd porch, carport. \$2,300/mo. or \$585,000. 617-332-6264.

LOWER EAST SIDE, NYC – Seward Park Co-op, 1/bdrm, lg l/r, d/r, eik, balc w/view of NYC, laundry rm, fitness center, more, ask. \$600,000. 467-4386.



Report on Japan Earthquake of 3/11

This account was written by a BNLER who prefers to remain anonymous.

The earthquake came upon us without any warning.

I was working in my office at an institute northeast of Tokyo. The entire place shook vigorously; I could see structures outside my window, swaying back and forth. Apart from losing power, our building was noticeably affected; the contents of shelves were toppled, closed elevator doors were pried open, and the hallways were rendered a mess. Nevertheless, considering the suddenness and unexpected nature of the event, the response was both organized and measured. We were evacuated to an open field in an orderly fashion; thankfully, none of us was physically hurt. Yet, the aftershocks kept coming, the ground pulsating and undulating with a relentless unpredictability. I had never felt motion sickness standing on level ground before then.

The images I will always retain of that day are of the young woman milling in the crowd, moving from person to person asking for the whereabouts of her boss (he was fine); the hotel clerk fighting back tears as she helped to accommodate the large influx of stranded train passengers who ended up staying the night in the ground floor lobby; and the group of my colleagues sitting huddled together, eyes closed, under a cold and dreary drizzle, patiently awaiting the signal to return safely to our building. No one panicked; no one complained. There was only silence, punctuated by a quiet sob, an encouraging word or two. Indeed, there was the surreal sensation of simultaneously being stunned, numbed, and incredulous, without the ability to really put into words the awfulness of what had just happened to this country and to this people.

Nevertheless, throughout this crisis, I was privileged to have witnessed the incredible courage, dignity, and extraordinary grace under pressure of the Japanese people. As a simple but poignant example of the inherent decency of the individuals I came across, one of the hotel staff members even sincerely apologized to me that breakfast could not be provided on that morning after the earthquake because of the loss of utilities. Indeed, the populace's resolute calmness as well as genuine thoughtfulness towards each other in the face of unthinkable circumstances should inspire our respect, our compassion, our generosity, and fundamentally, our assistance. On March 11, many lost their lives, others lost their homes, but all lost, to some degree, their sense of security.

It is difficult not to be affected by the enormity of problems that the Japanese will have to resolve both now and for the foreseeable future. They need more than our prayers. Our humanity should convince us of the need to care, to act, and, more importantly, to give for their sake.

Japan Relief Fundraising Benefit Continues

Generous donations from BNLErs to help alleviate the tragedies following the earthquake and tsunami in Japan are continuing to arrive. BSA is matching up to \$25,000 total Labwide through today, April 15, for donations to the Japan Society, an American nonprofit organization selected because of its partnership with several Japanese and American not-for-profits working on the front lines of disaster relief and recovery. Japan Society will forward 100 percent of the donations received to organizations that will have the maximum impact, both in terms of immediate relief needs as well as the long-term recovery process.

You may make a tax-deductible donation online at www.japansociety.org/earthquake (do not select the "matching gift program" box since BSA will handle the match separately). Or, write a check payable to 'Japan Society,' indicating 'Japan Earthquake Relief Fund' on the memo line, and mail it to: Japan Society, 333 East 47th Street, New York, New York 10017, Attn: Japan Earthquake Relief Fund. Following your donation, you will receive an acknowledgment for your 100 percent tax deductible donation with additional receipt information through the mail. For the BSA matching donation, send a copy of your receipt or check by April 15 to Jeanne D'Ascoli, Community Relations Manager, Bldg. 400C, Attn: Japan Donation. For questions about the BSA match, contact D'Ascoli at dascoli@bnl.gov or Ext. 2277.

Take Our Daughters & Sons to Work, 4/28

Register for afternoon program by 4/20

BNL will again be welcoming Lab children to "Take Our Daughters and Sons to Work Day" — on Thursday, April 28. If deemed safe, with supervisory approval, the girls and boys will spend the morning with their parent in his or her workplace and then at lunch. An afternoon program will be available to the first 100 registered participants only.

Register in advance to participate in the afternoon program, which is open to children of BNL employees and guests only. If you have a child between the ages of 10 and 14 and would like to take advantage of this opportunity, please register by April 20. Please be reminded that safety must be a priority throughout the event. The children will be accompanied by chaperones on the afternoon tours. Keep in mind that minors may not visit a Lab facility that exposes them to radiation, chemicals, or other potentially hazardous situations. If a visit to your workplace might involve exposure to these conditions, consult with your Environment, Safety & Health Coordinator or Facility Representative to determine if such a visit is allowable. If it is not, you should arrange for a "host parent" to cover the morning portion of the day.

Registration: To register online, go to the Human Resources Homepage, www.bnl.gov/HR/ and click on "Take Our Daughters and Sons to Work Day" in the right column. Follow the prompts and submit your form. For those of you who do not have access to a computer, please fill in the registration form on the memo on this topic sent to all employees and guests and return to Liz Gilbert, Bldg. 400B, no later than April 20.