



Roger Stoutenburgh D4170405

ALL-EMPLOYEE MEETING

April 2 • 1:30 – 3 p.m. • Berkner Hall

Join Laboratory Director Sam Aronson for an all-employee meeting on Monday, April 2, from 1:30 until 3 p.m. During this meeting, Aronson will discuss operational excellence, sustainable safety, and the budget outlook. He will highlight some of the Laboratory's recent milestone achievements, advances in scientific exploration, and expanding capabilities.



Roger Stoutenburgh D4180711

First Results From Daya Bay: Discovery of New Kind Of Neutrino Transformation

This news release was issued on March 8 by the Daya Bay Reactor Neutrino Experiment Collaboration, which is led by China and the United States. BNL continues to play multiple roles in this international project, ranging from management to data analysis. In addition to coordinating detector engineering efforts and developing software and analysis techniques, BNL scientists perfected the "recipe" for a special, very chemically stable liquid that fills part of Daya Bay's detectors and interacts with antineutrinos. This work builds upon a legacy of breakthrough neutrino research by BNL that has resulted in two Nobel Prizes in Physics.

Photo above: Members of the BNL team on the Daya Bay Neutrino Project include: (seated, from left) Penka Novakova, Laurie Littenberg, Steve Kettell, Ralph Brown, and Bob Hackenburg; (standing, from left) Zhe Wang, Chao Zhang, Jiajie Ling, David Jaffe, Brett Viren, Wanda Beriguete, Ron Gill, Mary Bishai, Richard Rose-ro, Sunej Hans, and Milind Diwan. Missing from the picture are: Donna Barci, Wai-Ting Chan, Chellis Chasman, Zeynep Isvan, Debbie Kerr, Hide Tanaka, Harry Themann, Minfang Yeh, and Elizabeth Worcester.

other flavors. The Daya Bay collaboration's first results indicate that theta one-three, expressed as $\sin^2 2 \theta_{13}$, is equal to 0.092 plus or minus 0.017.

Daya Bay Presentation

Chao Zhang of BNL's Physics Department gave a presentation on the current status of the Daya Bay experiment with greater details on these new results on March 8 at BNL. A video of the talk is on WBNL (www.bnl.gov/video/).

"This is a new type of neutrino oscillation, and it is surprisingly large," says Yifang Wang of China's Institute of High Energy Physics (IHEP), co-spokesperson and Chinese Project Manager of the Daya Bay experiment. "Our precise measurement will complete the understanding of the neutrino oscillation and pave the way for the future understanding of matter-antimatter asymmetry in the universe."

Neutrinos, the wispy particles that flooded the universe in the earliest moments after the Big Bang, are continually produced in the hearts of stars and other nuclear reactions. Untouched by electromagnetism, they respond only to the weak nuclear force and even weaker gravity, passing mostly unhindered through everything from planets to people. The challenge of capturing these elusive particles inspired the Daya Bay collaboration in the design and precise placement of its detectors.

"Although we're still two detectors shy of the complete experimental design, we've had extraordinary success in detecting the number of electron antineutrinos that disappear as they travel from the reactors to the detectors two kilometers away," says Kam-Biu Luk of DOE's Lawrence Berkeley National Laboratory (Berkeley Lab) and the University of California at Berkeley. Luk is co-spokesperson...

See *Neutrinos* on p. 2

TOPPING OFF THE LABORATORY'S FUTURE ENERGY-RESEARCH HUB: THE INTERDISCIPLINARY SCIENCE BUILDING



Joseph Rubino D0190312

The final piece of structural steel — a bright white I-beam adorned with John Hancock from members of the Department of Energy (DOE), Brookhaven Lab, and several contractors — was bolted in place at the Laboratory's future Interdisciplinary Science Building (ISB) following a small "Topping Off" ceremony held on March 5.

The ISB, which is on track to be completed by the end of 2012, is an 87,701-square-foot facility that will be a hub for researchers applying their scientific specialties to drive solutions to the nation's energy challenges. The building will contain nearly 60 laboratories, two with unique features: a dry room with finite humidity control for assembling

new batteries, and an "Oasis" laboratory — an ultra-low vibration laboratory that will provide the stability required for a cutting-edge "MIRAGE" Spectroscopic Imaging Scanning Tunneling Microscope. There, scientists will be able to grow samples within a vacuum-locked system and then transport them to the microscope without breaking the vacuum's seal.

The building is also on track to be the Laboratory's first facility to receive a Gold certification rating for Leadership in Energy and Environmental Design from the U.S. Green Building Council. This rating is awarded to buildings that are designed, built, and operated using high-performance and environmentally sustainable practices.

See *Topping Off the ISB* on p. 2

Meet Brookhaven Lab's Amy Nunziata

Deputy Assistant Laboratory Director for Facilities & Operations

Ask Amy Nunziata about the site here at Brookhaven Lab and she'll tell you about the deer, turkeys, and large number of buildings. As the new Deputy Assistant Laboratory Director (ALD) for Facilities & Operations (F&O), it's those buildings that are her real focus. With Lanny Bates, ALD for F&O, and members of the directorate, she is working to ensure that the facilities on site are mission-ready for scientists who, among other things, are pushing protons and photons, studying particles as tiny a billionth-of-a-meter, and figuring out how energy could be transmitted and stored in the future.

"I continue to be so impressed by our scientists, the big machines, our skilled craft workers, and the support structure in place here at Brookhaven," Nunziata said.

Since arriving at the Laboratory in November 2011, Nunziata has spent most of her



Joseph Rubino D4560312

time focusing on the Integrated Facility Management program (IFM, <http://intranet.bnl.gov/ifm/>). IFM — a Blueprint initiative — is Brookhaven's way of managing and maintaining the 350 buildings on site. Most importantly, IFM provides the work planning and control

required to achieve operational excellence and sustainable safety at Brookhaven. And Nunziata has what it takes to be a strong member of this team.

Nunziata has nearly 20 years of experience managing facilities at Stony Brook University (SBU). There, she managed approximately 12 million square feet of space — three or four times the space at Brookhaven — and was responsible for overseeing building maintenance, as well as the grounds and energy conservation initiatives. In fact, years before Nunziata's position at Brookhaven even became available, she collaborated with BNLers to determine ways in which operations at both institutions could conserve more energy.

Before her time at SBU, Nunziata worked as an engineer at IBM's Thomas J. Watson Research Center in Yorktown Heights, New York.

See *Nunziata* 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.
- The Recreation Building #317 (Rec. Hall) is located in the apartment area.

— 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: Yogalates

Noon–1 p.m. at the Rec Hall (Bldg. 317). Registration required, Ext. 2873.

Mon. & Thurs.: Kardio 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.

Tuesdays: Hospitality Welcome Coffee

10:30 a.m.–noon at the Rec Hall (Bldg. 317). Meet over coffee. Children welcome. Ext. 2873.

Tuesdays: Pilates

Noon–1 p.m. at the Rec Hall (Bldg. 317). Registration required, Ext. 2873.

Tuesdays & Wednesdays: Zumba

Tuesdays: Noon–1 p.m., in gym (Bldg. 461). Wednesdays: 5:15–6:15 p.m., at the Rec Hall (Bldg. 317). Registration required, Ext. 2873.

Tuesdays: Toastmasters

Two monthly meetings: 1st & 3rd Tuesdays, 5:30 p.m., Bldg. 463, Room 160. Guests and visitors welcome. 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. Kathy Schoenig, Ext. 2818.

Tuesday & Thursday: Aqua Aerobics

5:30–6:30 p.m., Pool (Bldg. 478). Registration required, Ext. 2873.

Wednesdays: Ballroom Dance

5:30, 6:30, 7:30 p.m., Brookhaven Center (Bldg. 30). Vinita Ghosh, Ext. 6226.

Wednesdays: Play Group

10 a.m.–noon 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, ila@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.

Thursday: Judo Class

7:30 p.m. Gym (Bldg. 461). Tom Baldwin, Ext. 4556.

Fridays: Family Swim Night

5–8 p.m. Pool (Bldg. 478). \$5/family. Ext. 2873.

Want to Learn to Knit?

No knitting classes are scheduled now, but call Ext. 5090 if interested.

Nunziata from p. 1

“As an IFM peer review team determined last fall (<http://intranet.bnl.gov/memo/mm.asp?IssueId=208&StoryId=4>), we are about where we should be in this multi-year process of implementing the program,” Nunziata explained.

“We need to continue maturing the program to decrease the amount of time it takes for jobs to be completed,” she continued, “and we’re working with everyone from the craft workers in our front lines to people in management to tweak this model so it can be as efficient as possible.”

Nunziata earned a bachelor of science degree in mechanical engineering from Manhattan College, a master’s degree in business administration from Dowling College, and certifications from the U.S. Green Building Council through its Leadership in Energy and Environmental Design (LEED) program. Nunziata lives in Port Jefferson Station with her husband, who owns an auto upholstery shop in Miller Place. When they’re not at work, they enjoy snowboarding, boating, and fishing. — Joe Gettler

In Memoriam

Robert Johnson, who joined the Central Shops Division as a shop driver on December 20, 1962, died at 91 on January 23, 2012. He had left the Lab as a tool and crib attendant on March 30, 1973, returned to the same position on July 18, 1977, and retired on June 30, 1983.

Ottalie Figluizzi, who joined the Plant Engineering Division as a matron on April 29, 1957, left in October, was rehired by the Medical Department as a laboratory assistant on December 5, 1957, and retired as a senior laboratory specialist on June 30, 1991, died on February 18, 2012. She was 84.

Carl Elb, who joined the Alternating Gradient Synchrotron as an intermediate technician on November 27, 1961, and retired as a technical research associate on April 30, 1998, died at 74 on February 25, 2012.

More detailed experiences and achievements of BNLers who have died appear on the BNL Obituary webpage at www.bnl.gov/bnlweb/pubaf/bulletin/obit/. Send an article and photo, if you have one, to bulletin@bnl.gov, headed “Obituary” Or, contact Liz Seubert, (631) 344-2346.

Neutrinos from p. 1

...of the Daya Bay Experiment and heads U.S. participation. “What we didn’t expect was the sizable disappearance, equal to about six percent. Although disappearance has been observed in another reactor experiment over large distances, this is a new kind of disappearance for the reactor electron antineutrino.”

The Daya Bay experiment counts the number of electron antineutrinos detected in the halls nearest the Daya Bay and Ling Ao reactors and calculates how many would reach the detectors in the Far Hall if there were no oscillation. The number that apparently vanish on the way (oscillating into other flavors, in fact) gives the value of theta one-three. Because of the near-hall/far-hall arrangement, it’s not even necessary to have a precise estimate of the antineutrino flux from the reactors.

Highest Interaction Rate

“Even with only the six detectors already operating, we have more target mass than any similar experiment, plus as much or more reactor power,” says William Edwards of Berkeley Lab and UC Berkeley, the U.S. project and operations manager for the Daya Bay Experiment. Since Daya Bay will continue to have an interaction rate higher than any other experiment, Edwards explains, “it is the leading theta one-three experiment in the world.”

The first Daya Bay results show that theta one-three, once feared to be near zero, instead is “comparatively huge,” Kam-Biu Luk remarks, adding that “Nature was good to us.” In coming months and years the initial results will be honed by collecting far more data and reducing statistical and systematic errors.

“The Daya Bay experiment

Topping Off the ISB from p. 1

The Lab’s Modernization Project Office (MPO) managed ISB’s design, and is overseeing its construction. General contractor E.W. Howell is building the structure and HDR Architecture, Inc. designed the building. Funding for the facility was provided by the DOE Office of Science and the American Recovery and Reinvestment Act.

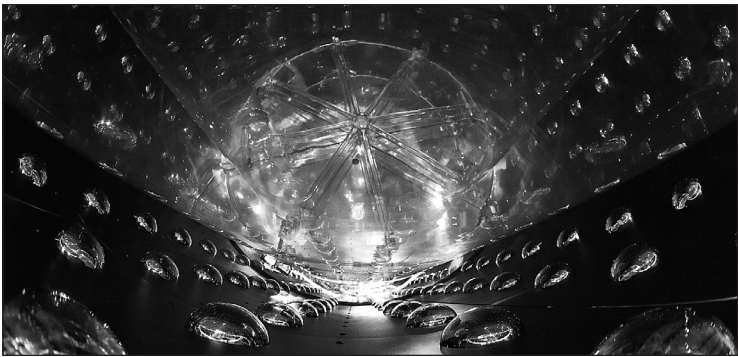
The Ceremony

MPO Manager Michael Schaeffer kicked off the ceremony, which was held at the construction site.

“This building represents a lot of things to a lot of people,” said Michael Holland, Manager of the DOE Brookhaven Site Office. “The reason the Department of Energy continues to fund facilities at Brookhaven National Laboratory is because you’ve shown, over the years, how successful you can be in partnering to build state-of-the-art facilities.”

Laboratory Director Sam Aronson then said, “This is a place for our energy research assets to come together and create the synergy around the Laboratory’s strategic vision. It represents so much of what’s new and what’s right about the direction of the Laboratory.”

“This is a gigantic step for us along discovery to deployment and it’s going to have real impact on Brookhaven and the nation’s energy equation, so we’re pretty excited,” added Doon



Roy Kalischmidt, LBNL

The innards of an antineutrino detector at the Daya Bay experiment.

plans to stop the current data-taking this summer to install a second detector in the Ling Ao Near Hall, and a fourth detector in the Far Hall, completing the experimental design,” says Yifang Wang.

Opening the Door

Refined results will open the door to further investigations and influence the design of future neutrino experiments — including how to determine which neutrino flavors are the most massive, whether there is a difference between neutrino and antineutrino oscillations, and, eventually, why there is more matter than antimatter in the universe — because these were presumably created in equal amounts in the Big Bang and should have completely annihilated one another, the real question is why there is any matter in the universe at all.

Outstanding Collaboration

“It has been very gratifying to be able to work with such an outstanding international collaboration at the world’s most sensitive reactor neutrino experiment,” says Steve Kettell of BNL, the chief scientist for the U.S. effort. “This moment is exciting because we have finally observed all three mixing angles, and now the way is cleared to explore the remaining parameters of neutrino oscillation.”



A rendering of BNL’s future Interdisciplinary Science Building, a hub for energy research that is on track to be completed by the end of 2012

Gibbs, Deputy Laboratory Director for Science & Technology.

Jim Misewich, Associate Laboratory Director for Basic Energy Sciences and a future tenant in the ISB, spoke next. He discussed how the dry room and Oasis lab will enable new breakthroughs in energy, from synthesizing new superconducting materials that transmit electricity without losing any energy, to materials that can store electricity generated by intermittent sources such as the sun and wind.

“The very special laboratories in this building are going to allow us to do things that no other laboratory in the world can do,” he said.

In addition to offering his congratulations to the project team on project progress, Deputy Lab Director Mike Bebon expressed appreciation for the team’s attention to safe construction practices. He went to note that much work remains and the emphasis on safety must continue.

“This is really remarkable,” says Wenlong Zhan, vice president of the Chinese Academy of Sciences and president of the Chinese Physical Society. “We hoped for a positive result when we decided to fund the project, but we never imagined it could come so quickly!”

“Exemplary teamwork among the partners has led to this outstanding performance,” says James Siegrist, Associate Director for the Office of Science for High Energy Physics at DOE. “These notable first results are just the beginning for the world’s foremost reactor neutrino experiment.”

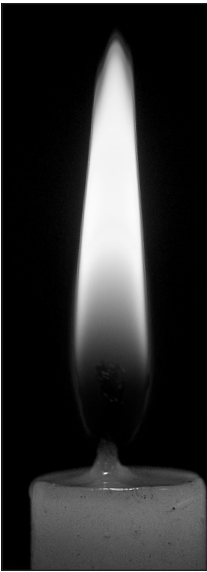
The Daya Bay collaboration consists of scientists from the following countries and regions: China, the United States, Russia, the Czech Republic, Hong Kong, and Taiwan. The Chinese effort is led by co-spokesperson, chief scientist, and project manager Yifang Wang of the Institute of High Energy Physics, and the U.S. effort is led by co-spokesperson Kam-Biu Luk and project and operations manager William Edwards, both of Berkeley Lab and UC Berkeley, and by chief scientist Steve Kettell of Brookhaven.

For more information, including a list of the collaborating institutions of the experiment, go to http://www.bnl.gov/bnlweb/pubaf/pr/PR_display.asp?prID=1395. — Justin Eure

Reminder From the Benefits Office

Deadline to Submit 2011 Claims For Flexible Spending Account, 3/31

March 31 is the last day to submit claims for 2011 reimbursement accounts. Instructions for how to submit claims to PayFlex, the company that manages employees’ flexible spending accounts, are available online: www.bnl.gov/hr/Benefits/ReimbursementAccounts.asp.



WHAT IS A FLAME?

Fired by a question from Alan Alda, Stony Brook’s Center for Communicating Science is accepting entries until April 2 for its *Flame Challenge*: Explaining what a flame is so that an 11-year-old can understand. Entries can include writing, video, or graphics, and can be playful or serious — as long as they are accurate and connect with the young judges.

More information and entry forms are available at www.FlameChallenge.org.

Roger Stoutenburgh D1400312

Safety Can Mean: Be Prepared! Gordon Saves Son From Choking, Credits BNL’s CPR Training Class

This dramatic ‘happy-ending’ event is written by Robert Gordon of the DOE Brookhaven Site Office.

When the Lab announced the offering of a American Heart Association (AHA) course in Cardiopulmonary Resuscitation (CPR) class, I enrolled with the thought; “Hey, you never know!”

I participated in the class, which is taught by Jim Nemeth and Phil Harrington of the Lab’s Training Office, and attentively watched, listened and performed the exercises. I thought to myself, “Have I really absorbed what it would take to successfully save a person’s life and am I really capable?”

So, when my certificate of course-completion came a week or so later, I filed it in a drawer, again thinking; “you never know.” By chance I bumped into Jim at Berkner Hall a couple of weeks after the class. He asked for instant feedback about the class, and I casually said I think it was pretty informative.

And then the 2012 Grammys happened... Friends called to ask if we would be interested in joining them for dinner at a local restaurant. With a big screen for the Grammys, half-price wings and a 99-cent children’s menu, how could we say no!

All went well through the appetizer phase, and my eyes were glued to the big screen for the Whitney Houston tribute until my wife started poking, pointing and saying “HE’S CHOKING!”

She was pointing to our 12-year-old son across the table who was clutching his throat and trying to communicate he could not breathe. It was evident that something was caught in his throat. It was also obvious that everyone was wondering what to do next.

I knew that what I had just learned in the BNL CPR/AED class was needed here and now. Because it was my son, I knew I did not need permission to grab him from behind and execute the Heimlich. Two hefty pulls just below the rib cage was enough to cause a good sized food object to dislodge from his throat and drop on his plate for all to view. When it was clear that all was well, we all went back to our seats, continued to watch the Grammys, with one noticeable difference...still hungry, as 12-year-old boys usually are, my son was taking smaller bites. The irony was that he was sitting behind the restaurant’s all too familiar and mostly ignored choking instructions poster.

Thank you, BNL.



Seated at his desk in the DOE Brookhaven Site Office, Bldg. 464, Bob Gordon holds the photo of his son, whom he saved from choking by performing the Heimlich maneuver that he had learned at the BNL training class given by Phil Harrington (left) and Jim Nemeth (right).

Safety makes science possible at Brookhaven National Laboratory...and can save lives!

Join BNL’s Cardiopulmonary Resuscitation/ Heimlich Maneuver Training

Twice a month, Phil Harrington and Jim Nemeth of BNL’s Training and Qualifications Group offer the American Heart Association (AHA) course in Cardiopulmonary Resuscitation (CPR). This free course involves instruction, practice and qualification in CPR, and qualification in the use of an Automated External Defibrillator, leading to an AHA certification card which will allow you to use a publicly accessible defibrillator in all 50 states. If you have an elderly loved under your care who has heart problems, here is a chance to learn about the purchase and operation of this life-saving device. Included in the course is instruction in the Heimlich maneuver (which Nemeth taught to Bob Gordon) and a section on practical first aid. To sign up, go to BNL’s Training website: <http://training.bnl.gov/>.

TIAA-CREF One-on-One Retirement Counseling

A TIAA-CREF consultant will visit BNL on March 28, April 3, April 18, May 9, and May 29 to answer employees’ questions about their financial matters. The consultant will help you: understand the importance of protecting your assets against inflation, find the right allocation mix, learn about TIAA-CREF retirement income flexibility, and compare life-time income vs. cash withdrawal options. For an appointment, call 1-800-732-8353 or go on-line at www.tiaa-cref.org/bnl and select “set up a meeting.”

Talk on Retirement Planning, 4/4

A talk titled, “Passport to Retirement — First Class or Coach” will be given by Craig Ferrantino of the Foundation for Personal Financial Education in Berkner Room B on Wednesday, March 30, at noon. During his talk, Ferrantino will discuss assessing your investment portfolio, measuring risk in your portfolio, developing strategies in asset allocation, taking advantage of dollar cost averaging, and creating your own action plan for success.

To attend, RSVP by calling Barbara Soeyadi at Ext. 7516, or on-line: <https://intranet.bnl.gov/eventreg>.

Arrivals & Departures

— Arrivals —	
Devon Holmes Lab Protec
Abhijit Karve Medical
Elad Koren CFN
Erdong Wang C-AD
— Departures —	
Kwinten Van Weverberg	...Env Scis

Book the Dates: Book Fair, 4/3, 4/4

BERA will sponsor a Book Fair on Tuesday and Wednesday, April 3 and 4, in Berkner Hall lobby, from 10 a.m. to 2 p.m. Choose among some best-selling authors, children’s books and games, and selected gifts, all at discounted prices. Credit cards will be accepted.

Yes, You CAN Paint — Doubt No More! Art lesson, all material provided, no experience needed, 3/29

Unleash your inner Picasso with artist Rita Rooney on Thursday March 29, 6-8:30 p.m. in the Brookhaven Center North Room. The fee, which includes all materials, is \$45. You will leave with your very own 16x20 Masterpiece (no experience necessary) and the ultimate sense of accomplishment! For Tickets: Contact the BERA Store, Ext. 3347.



The Photon Science Directorate’s Cecilia Sanchez-Hanke (second from left), the group leader for a specialized beamline that will operate at the National Synchrotron Light Source II, discusses her research with students attending the Brookhaven Women in Science Career Day.

Promoting Careers for Women in Science — Brookhaven Women in Science Holds Career Day for Female Students

About 45 female students from the Brentwood Freshman Center, Bay Shore High School, and Islip High School visited BNL on March 14 to learn firsthand about careers in science from female researchers during the Annual Brookhaven Women in Science (BWIS) High School Career Day. Funded by Brookhaven Science Associates and members’ dues and contributions, BWIS promotes the advancement of women in science.

The students first were treated to breakfast and visited career and education tables set up by: BWIS, Brookhaven’s Office of Educational Programs, Brookhaven’s Media and Communications office, Brookhaven’s Collider-Accelerator Department, Stony Brook University’s Women In Science & Engineering (WISE) program, and the International Atomic Energy Agency (IAEA).

The students then observed a panel discussion among three

female Brookhaven scientists, Michiko Minty of the Collider-Accelerator Department, Cecilia Sanchez-Hanke of the Photon Sciences Directorate, and Suzanne Golisz of the Chemistry Department, about their research and their experiences in science.

After touring the Collider-Accelerator Department and NSLS, where researchers use infrared light, ultraviolet light and x-rays to probe materials as varied as computer chips and viruses, the students met National Synchrotron Light Source (NSLS) scientist Lisa Miller, who talked about her basic research on Alzheimer’s disease using synchrotron light to study plaques in the brain.

To round out their tour, the students enjoyed hands-on exhibits at the Science Learning Center, where more than 20,000 elementary school students visit each year to learn about basic scientific principles.

— Natalie Crnosija

CALENDAR

Friday, 3/23

***‘Webinar’ on Weight Loss**
1 p.m. To register, see notice below.

— WEEK OF 3/26 —

Monday, 3/26

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.
***2012 BERA Board Voting All Week**
See details on p.4.

— WEEK OF 4/2 —

Monday, 4/2

***All-Employee Meeting**
1:30-3 p.m. Berkner Hall. Lab Director Sam Aronson will discuss safety, operational excellence, budget, accomplishments, more. See p.1.

Tuesday, 4/3

Costco Membership Drive
11 a.m.-2 p.m. Berkner Hall lobby. Representatives from Costco will discuss membership advantages.

Wednesday, 4/4

Sam’s Club Membership Drive
11 a.m.-2 p.m. Berkner Hall lobby. Representatives from Sam’s will discuss membership advantages.
***Talk on Retirement Planning**
Noon. Berkner Hall, Room B. Craig Ferrantino Foundation for Personal Financial Education, will lead a talk and workshop for employees. See below.

Thursday, 4/5

BJ’s Membership Drive
11 a.m.-2 p.m. Berkner Hall lobby. Representatives from BJ’s will discuss membership advantages.

Mentors Needed ‘Request an Intern’ Program Deadline Extended to 3/26

The deadline for mentors’ requests for DOE summer interns is extended until March 26. For more information, visit www.bnl.gov/education and link to Mentors, then Request a Student.

‘Webinars’ For Spring 2012

Some interesting ‘Webinars’ (seminars on the web) are being offered by Magellan for BNL, sponsored by the Employee Assistance Program. All spring webinars will be held from 1 until 2 p.m.

Today, March 23, a webinar called “Changing the Way We Think About Weight Loss” will be held.

Webinars are open to BNL employees as well as their family members. To participate, send an email in advance to nlosinno@bnl.gov and you will receive the web link as well as the call-in number along with the webinar handouts. These webinars are a confidential way to address health issues of concern and develop motivation to begin a path to self-improvement. Questions? Call Nancy Losinno, Ext. 4567.

- Upcoming webinars are:
- 4/11: Substance Use and Young Adults
 - 4/20: Addiction Awareness
 - 5/18: Are You Prepared to Quit Smoking?

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."

LABORATORY RECRUITMENT - Opportunities for Laboratory employees only.

MAIL CLERK - Under immediate supervision processes, picks up and delivers incoming, outgoing and intra-Laboratory mail. Training required. Staff Services Division. Please apply to Job ID # 16045. Submit Transfer Request form to Diana Hubert, Bldg. 400B.

MAIL CLERK - (Temporary) - May 14 through September 14, 2012 - Under immediate supervision, processes, picks up and delivers incoming, outgoing and intra-Laboratory mail. Training required. Staff Services Division. Please apply to Job ID # 16046. Submit Transfer Request form to Diana Hubert, Bldg. 400B.

OPEN RECRUITMENT - Opportunities for Lab employees and outside candidates.

CUSTODIAN POSITIONS (4) - (Temporary) May 14 through September 14, 2012 - Under general supervision, performs general cleaning and housekeeping duties in the Laboratory living quarters. Staff Services Division. Please apply to Job ID # 16043.

Motor Vehicles

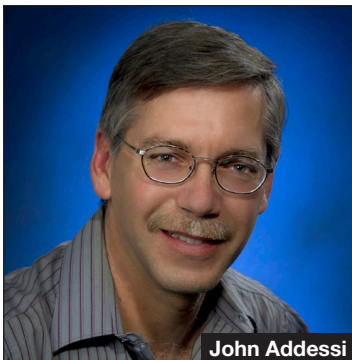
08 DODGE CALIBER - 49.4K mi. gd cond, white Caliber SXT, 2.0L, well maint., pref sell it by end of March, moving abroad, \$8,500 neg. 398-8468 or zidkit@bnl.gov.
03 HYUNDAI SANTA FE - 170K mi. LX runs well, 2.7 L V6, awd, 1 owner 4spd, a/t w/o/dr + man shift, a/t s/roof, a/c, fog lamps, new tires, more, \$4,200. Ext. 4202, 516-449-8924.
03 TOYOTA COROLLA LE - 20K mi. a/t, a/c, 4cyl, p/s, p/w, keyless ent, metallic black, excel cond, v/reliable car, lots of freebies incl. \$8,500 neg. 418-6922.
02 FORD EXPLORER XLT - 120K mi. blk, 4.0I V6, 15/20mpg, 4wd, leather, 3rd row seat, gd cond, pics avail. \$4,000. Bernie, Ext. 2017 or bkosciuk@bnl.gov.
01 FORD ESCAPE - 103K mi. mint V6 4wd, clean in/out, new starter/exhaust/tune-up/belts, \$4,500. Charlie, 681-9800.
93 TOYOTA CAMRY - 286K mi. 4cyl, 4dr, a/t, green, runs well, fair cond, LE sedan, orig owner. \$950. 375-2680.
90 HONDA SHADOW VT1100C - 20K mi. Indian Lake Blue, Saddle Bags, Sissy Bar, Bullet Proof. \$1,800. 769-6020.

Boats & Marine Supplies

25' SEARAY SUNDANCER - '98, excel cond, 5.0 Bravo III Mercuriser Eng, new in '03, Bimini Top/Camper Canvas/Cockpit Covr, more, pic. \$19,500 neg. 495-1184.
19' 2005 SEARAY BOW RIDER SPORT - 3.0L TKS MerCruiser, 135 HP, I/O, 33.8hrs, cust. Trailer, Bimini Top, Bow & Mooring Covers, full gauges, \$10,995 neg. 738-5345.
10' YAMAHA FZS - 1.8L supercharged waverunner, 55/hrs warr until 2015, 62+ mph stock, incl. 2010 trailer, \$9,500. Mark, Ext. 3970 or mwahlert@bnl.gov.
OUTBOARD MOTOR - 6 hp, Evinrude Seahorse, v/gd cond, well maint'd & stored, new gas tank, \$600. Leonard, Ext. 4691.

Furnishings & Appliances

ANTIQUES - Primitive furniture, quilts, tinware, yellowware, wood bowls, tin lamps, old dress, kitchen items, trunks, etc. 235-0656.
BOSCH NEXXT 100 SERIES WASHER - front loading w/stand, great cond, pd \$900, sell/\$350/obo. Joe, 286-8356.
BOY'S BEDROOM FURNITURE - Thomsville, oak, 3/pc TV/Gaming Armoire, lg desk, full sz headbrd, \$400/neg. Ext. 2113.
DINING ROOM SET w/CHINA CAB - Must sell! table w/leaf extend., tble pads, 6 chrs, \$500/neg ea for table/chairs or china cabinet, pic avail. 803-2599.
DINING TABLE, CD PLAYER - excel cond, wooden tbl/\$75/neg; blue Sony kids' CD player/\$20. pics at: <http://tinyurl.com/tz-table>. Tomer, 398-8468 or zidkit@bnl.gov.
GE PROFILE DISHWASHER - off white, works v. well, many cycles, energy opts, ask/\$50. William, Ext. 2394.



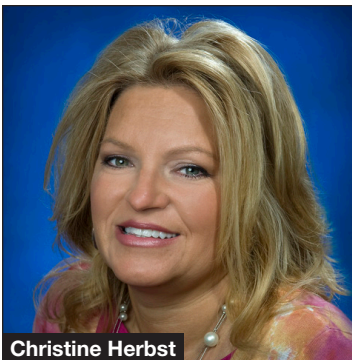
John Addressi

Roger Stoutenburgh D2280212



Cris Caccavale

Roger Stoutenburgh D2340212



Christine Herbst

Roger Stoutenburgh D6790411



Bob Howe

Roger Stoutenburgh D0110312



Jeanne Marie Krauss

Roger Stoutenburgh D2350212



Terry Maugeri

Roger Stoutenburgh D2350212



Menzel Smith-Jones

Roger Stoutenburgh D2200212



Kevin Wolniewicz

Roger Stoutenburgh D2280212

BERA Board Elections Begin on Monday, 3/26

All employees, retirees, and term-appointed guests at BNL are invited to vote on new board members for the Brookhaven Employees' Recreation Association (BERA). Contrac-

tors cannot vote. Four of eight positions on the Board are available this year, and terms are four years long. Electronic voting will open from the BERA website (www.bnl.gov/bera)

from Monday, March 26, at 8 a.m. and will close on Friday, March 30, at 3 p.m. Paper ballots will be available from 11:30 a.m. until 2 p.m. in the lobby of Bldg. 400 on Thursday,

March 29, and in the lobby of Berkner on Friday, March 30.

For more information about the candidates shown above, refer to page 3 in the Bulletin of March 9.

Great Trips Ahead Through BERA

Buy (nonrefundable) tickets from the BERA Store in Berkner Hall, weekdays, 9 a.m.-3 p.m. For more information on BERA, including smmer camp and swim lessons for children, see www.bnl.gov/bera. **Saturday, April 7.** NY International Auto Show at Javits Center. \$20/person includes coach, entry, driver tip. Depart BNL 9 a.m. and depart from Javits at 4:30 p.m. www.autoshowny.com.

Saturday, April 14. Foods of NY Tours leads 3-hour Walking Tour of Central Greenwich Village & SoHo. \$65/person includes coach transportation, guides, food tastings, tips. About 2 hours remain for shopping, browsing on your own. Recommended for children 10 and over, and not for those with food restrictions. Depart BNL 9:30 a.m. and leave NYC at 5 p.m.

Saturday, April 21. Gotham Tours leads 2-hour tour of Historic Grand Central Terminal. \$25/person includes coach transportation, guides, tip. After the tour, check out the 68 shops and 35 places to eat! You are located in the heart of NYC at Park Avenue and 42nd Street. After the tour, about 4 hours remain for shopping, lunch, browsing. Depart BNL at 8 a.m., depart NYC at 4 p.m.

Tickets for these trips go on sale March 30:

Saturday, May 5. Midtown Manhattan Do-As-You-Please bus trip, \$15/person. Children under two years old are free if they sit on your lap. Depart BNL 10 a.m.; depart NYC, 7 p.m.

Saturday, May 5. Atlantic City, NJ. Casino and incentive to be announced. \$30/person of 21 and older only, photo ID required at casino. Depart 9 a.m., leave casino at 8 p.m.

Friday, June 1. Fun trip to Englishtown, NJ, to watch the Racing @ NHRA Toyota Supernationals. \$55/person includes reserved seat in Section 3, starting line/pit side; coach transportation, and driver tip. Depart 11 a.m., depart race 9 p.m. BNlers must use an approved vacation day. Not suggested for young children.

PICNIC TABLE - for PPM off-site location. Jo Ann, Ext. 7009 or reed@bnl.gov.

TRUMPET/CORNET - for beginner. John, Ext. 4632 or dabrowsk@bnl.gov.

Lost & Found

FOUND - eyeglasses w/bright red frame in 911. For this & other lost/found items, please call Lost & Found Office, Ext 2873 or Ext. 5090 or ccarter@bnl.gov.

For Rent

SPRING HILL, FL - priv ranch on Gulf, 70m Orlando, 45m Tampa, fly Islip direct, near beach/tennis/park, SW architecture, 3/ bdrm, 2/bath, d/r, f/p, 2gar, igp in lanai, fruit trees, see review.oktane.net/HouseTour. \$450/wk. OR FOR SALE: \$125,000 neg. 344-5537.

CTR. MORICHES - 3 bdrm hse, 2 bath, cac, w/d, new kitch, wooded bckyd w/deck, priv drwvy, priv beach/boat rights, no smkg/pets, util extra. \$1,900/mo neg. Ext. 3116.

MIDDLE ISLAND - sublet 2/bdrm upstairs apt, l/r, club hse worth \$100/free, 1/mo free rent, incl a/c, water/gas, pay elect, furnld optional. \$1,248/mo neg. 418-6922.

MORICHES - Condo share- prefer female to share my condo in gated community, furnld bdrm, pvt bath, w/d, kitch use, incl utils, 15 min BNL, no smkg/pets, avail now, req 1/mo/sec. \$950/mo. Sallie, Ext. 2746.

MOUNT SINAI (CEDAR BEACH) - 1 bdrm seafront cottage, sm yd, complete kitch and b/r, util not incl, single person only. \$1,250/mo. 928-2927 or jpereiro@bnl.gov.

RIDGE - 1 bdrm, full bath, lr/kitchenette, sep ent & prkg, mins to Lab, incl. all. \$975/mo. Lynne, 924-0002.

RIVERHEAD - 3bdrm, 2 full ba, Western Ranch, kit w/dw, l/r, d/r, w/d & gar, new windows & furnace, quiet, lg pty on cac, nr shops, no smkg/pets, refs & cc reqd, 1/mo sec+util. \$2,250/mo. 512-6470.

SHOREHAM - furn/unfurn new studio apt, sep ent, eik, all utils incl, no smkg, 7 min from Lab. \$875/mo. 849-2593.

SHOREHAM - 1 bdrm, furn/unfurn, new garden apt, grnd flr, indep, entr/drwy/prkg, full bath, kit, l/r, cac, no smkg/pets, few mi to BNL, 1 mo sec, all utils incl. \$1,150/mo. 566-8261.

WADING RIVER - spacious new 1 bdrm apt, part furn, quiet area, cable, int, utils incl, no smkg/pets. \$950/mo. 838-5879.

For Sale

MIDDLE ISLAND - 4 bdrm ranch, 2bth, eik, f/p, cac, pool, deck, fin bsmt, 2 car, sprinklers, shed, 600sq ft shop. \$279,900. Frank, 775-6636, drfrank1953@gmail.com.

SHIRLEY - spacious 7 rm ranch, 3 bdrm, 2 full baths, 1 car gar, taxes \$7,500. \$239,000 neg. Steve, Ext. 7593.

In Appreciation

I would like to thank all my friends in the NSLS and C-AD for the very generous donation made to St. Baldrick's in memory of my mother, and for their support and comfort during this very difficult time.

— Tom Seda

GLASS WALL UNIT W/PIER - Must sell! 2 pc w/pier adj. to any sz, Cabinets for storage w/ shelves on ea end, pics avail \$450/ neg. 803-2599 or giammarino@bnl.gov.
MATTRESS - queen/Sofa Hide-a-bed, 72"x60"x5.5", brand new, still in plastic/\$200. Ext. 2378, or wjleonhardt@bnl.gov.
SAMSUNG 64" 1080I TV - Samsung PCL5415R 64" Projection, Remove and owner instructions; Works v. well; Must pick up in Ridge; \$500 OBO. Ext. 4905.
TWO MATTRESSES - one for \$50, the other, used < 6 mo for \$150; sofa/\$30/ neg, Lu. Chunsong, Ext. 2458 or eric20070422@gmail.com.

Audio, Video & Computers

COLOR TVS - 2, gd cond: Toshiba 20" CE20E10, ANT, Video/Audio Input/\$30, Sharp 27" 27U-S60, ANT, Video/Audio, S-Video Input/\$60. Ext. 2339, gche@bnl.gov.
COOLPIX S3100 CAMERA - NEW - camera w/4GB SDHC memory card/\$100. Jonathan, Ext. 4921 or jfranco@bnl.gov.
HP DESK JET 9800 PRINTER - wide format, used, excel cond. Mary, 929-3388.
HP OFFICE JET 7500 PRINTER - wide format printer; 4-in-1: print, copy, scan, fax, brand new, in orig box, \$165. phraner@bnl.gov.
PRINTER/FAX/SCANNER/COPIER - HP psc 2210xi all in one w/ media reader, works well, comes w/3 add.l printer cartridges/\$30. Travis, shrey@bnl.gov.
PRINTER/SCANNER/MONITOR/FAX - Dell Flat Scrn 13" w cmputr mon./\$75, Dell 924 Phto Printer-\$50, Epson 1260 color phto scanr/\$25, Phone/fax/\$20/neg. 603-731-8687.
XBOX - 250gig slim version, Kinect ready w/built-in WiFi, controller, in orig box w/ cables, \$300. Renee, Ext. 8278.

Sports, Hobbies & Pets

BICYCLE - Trek Mtn Track 220, 18 gears, 24" wheels, v/gd cond, (gd for teen under 5 ft tall) pics avail, \$95/neg. Ext. 5588, 905-3141 or howe@bnl.gov.
DOG FENCE - In-ground, invisible, In-notek IUC-4100, brand new in box/\$250. Mark, Ext. 3970 or mwahlert@bnl.gov.
FENDER VIBRO CHAMP GUITAR AMP - 5W Class A tube amp. 8" spkr, 16 amp mdls, 16 DSP effects, like new, \$120, tJesse, Ext. 2122 or jmontoalto@bnl.gov.
MOUNTAIN BIKE FRAME - 2011 Diamond-back Sortie, Black, med, alum, 7 lbs, rear shock Fox Float RP23, brand new, \$500/ neg. Ext. 5936 or wlewis@bnl.gov.
NIKON D100 & LENS - Nikon D100 camera body with Tamron 28-300 mm lens. Mint cond. \$425. Irvin Meyer, 929-4326.
YOUTH WETSUIT - size 12, excel cond, barely used, ask/\$55. Lynda, Ext. 7235 or fitz@bnl.gov.

Tools, House & Garden

BIRD HOUSE - Heath 12 rm, purple martin plastic bird hse, new, just needs a pole, ask/ \$25. Scott, sbronson@bnl.gov.
CONTINENTAL CARGO TRAILER - enclosed: 10'L,6'6"H, hvy duty, intrnl lights, spare tire, hvy dty ladder racks, interior w/mounting racks, \$3,500, photos avail. 922-1664.
WOODWORKING BANDSAW - cast iron, steel base, gd working cond/250. James, Ext. 7079 or rose@bnl.gov.

Miscellaneous

BACKPACK CHILD CARRIER - unused Snuggly Terrain, for 6 mos + & 16 lbs up to 40 lbs, ask/\$30. sbronson@bnl.gov.

GHOST TICKETS - 2, for Ghost at Lunt-Fontanne Theatre, Mar 29, 8pm, Orchestra seats row V seats 109 & 110, sacrifice at \$130/both. Trish, Ext. 6044, 708-5148.

KITCHEN PLAYSET - Step 2 Deluxe, for kids ages 2 & up, v/gd cond, sells for \$150, ask/\$60, pics avail. bkosciuk@bnl.gov.

TOYS - Deal or No Deal Board Game/\$5, Parachute/\$10, Handy Manny Workbench & Tools/\$40, Smartcycle & 2 games/\$30, 12" Toy Story Bicycle/\$15. Ext. 7918.

VANITY PLAYSET - Little girl's Disney Princess vanity table, v/gd cond, pics avail upon request sells for \$100 or more, ask/\$50. Bernie, bkosciuk@bnl.gov.

XBOX 360 GAMES - Rock Band 1 game, and 2 game, missing box art on game 2 instruments in grt cond, work for RB 1 and 2, ask/\$75. Bryan, 828-2446.

Yard & Garage Sales

MOVING SALE - 10 Jerome Circle, Riverhead. 9am-3pm, everything must go by Saturday. Kid clothes, toys, dishes, decorations, some furn, spkrs and more. mmccabe@bnl.gov.

Community Involvement

EASTER BUNNY BREAKFAST - April 1 8am-noon \$8/pp under 3 free, pancakes/sausage/bacon/coffee/juice & pic w/E. bunny incld, 780 Horseblock Rd, Farmingville FD Engine Co#2. Ext. 7627, wreah@bnl.gov.

EASTER DUCK EGG HUNT - Easter Egg Hunt at The Big Duck, Games, prizes, free refreshments, & the Easter Bunny! Ages: 2-5/6-9. 10:30am Sat, 3/31, Info: 727-5342, franniegirl23@yahoo.com. Ext. 8962.

Happenings

REBELS SOFTBALL FUNDRAISER - Comedy night, April 20, Heritage Park, Mount Sinai. \$40/ticket incl. show, dinner, soda/water, coffee & dessert. 50/50 raffle, chinese auction, wine/beer. Ext. 5753.

SHEN YUN PERFORMING ARTS - Reviving 5,000 Years of Civilization April 18-22, Lincoln Center, Experience world's premier classical Chinese dance & music shenyun-performingarts.org. georgewei@bnl.gov.

SOUND SYMPHONY CONCERT - Sun, March 25, 2pm, Respighi Fountains of Rome, Mendelssohn "Scottish" Symphony, Dittersdorf for viola/bass, Comsewogue HS adults/\$10, seniors/students/\$5, under 12 free. mrowe@bnl.gov.
SPRING FLING, APRIL 20TH - Join us @ The Flaming Hearth, Farmingville, 6pm-Until, DJ Alex Petway, appetizers, 50/50 raffle, cash Bar, \$10/advance, \$15/door. Charles Gardner, 631-219-2884. chuckg@bnl.gov.

Farewell Gathering

SHERYL GOLDEN - Celebrating Sheryl's retirement at Ladakins on 4/26 @ 5:30, RSVP w/\$35 pymt by 4/13. Karen, Ext. 4432 or liebermann@bnl.gov.

Free

DOLL HOUSE - lg doll hse needs some TLC to bring it back to life. Kathy, Ext. 2818.
FREE 2012 SHEN YUN BOOKLET - Shen Yun Performing Arts booklet, George, georgewei@bnl.gov.

PICNIC TABLE - For PPM Off-SITE LOCATION. Jo Ann, Ext. 7009 or reed@bnl.gov.

Wanted

IPAD - used, in excel cond. Nicole, Ext. 3807.

On the Web, the Bulletin is located at www.bnl.gov/bnlweb/pubaf/bulletin.asp. A calendar listing scientific and technical seminars and lectures is found at www.bnl.gov/bnlweb/pubaf/calendar.asp.

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