

NSLS-CFN Users' Meeting Highlights Boost, Opportunities in Science Funding

Pointing to long-awaited increases in support for science, government and Lab officials painted a bright picture for the future of research in the United States and BNL at the 2009 joint meeting of the National Synchrotron Light Source (NSLS) and Center for Functional Nanomaterials (CFN) user communities. About 400 visiting scientists, staff members, and scientific leaders attended the annual meeting, which ran May 18-20.

"Since we last met, there have been some extraordinary changes," said NSLS Users' Executive Meeting Chair John Parise, Stony Brook University, in his opening remarks. "The funding climate in the last six months has been quite the contrast from where we were at this time last year."

Laboratory Director Sam Aronson highlighted some of those changes, such as \$150 million in unexpected stimulus funding for the National Synchrotron Light Source II (NSLS-II) — a "key component to the future vision of the Laboratory." Other major Lab achievements include the establishment of a DOE-funded Energy Frontier Research Center at BNL that will examine the underlying nature of superconductivity in complex materials, and New York State's decision to build a 200-acre solar panel array on Lab property.

"The Laboratory will derive some power from this new array when it's built two years from



DOE and BNL managers (from left): DOE/Brookhaven Site Office Manager Mike Holland; Jim Misewich, Associate Laboratory Director for Basic Energy Sciences; Doon Gibbs, Deputy Director for Science & Technology; Steve Dierker, Associate Laboratory Director for Light Sources; Pedro Montano, Director of DOE's Basic Energy Sciences Scientific User Facilities Division; Harriet Kung, Director of DOE's Office of Basic Energy Sciences; Laboratory Director Sam Aronson; National Synchrotron Light Source Department Chair Chi-Chang Kao; and Center for Functional Nanomaterials Director Emilio Mendez.

now, but it also provides the potential to develop a research program related to solar energy," Aronson said, adding that New York State, IBM, and other industries already have expressed interest in such a program.

Good News for Science

Next, Harriet Kung, Director of DOE's Office of Basic Energy Sciences (BES), told the audience that "finally, this is a year that we can report some good news after two years of a constrained budget."

The Obama administration has "very ambitious and visionary" environmental and energy goals for the country, Kung said, including: saving more oil within the next 10 years than is currently imported from the Middle East and Venezuela combined; putting one million

plug-in hybrid cars on the road by 2015; generating 10 percent of the country's electricity from renewable resources by 2012, and 25 percent by 2025; and implementing an economy-wide, cap-and-trade program to reduce greenhouse gas emissions 80 percent by 2050.

To align with these goals, Kung said, DOE has set out the following priorities:

- science and discovery (defined as transformational discoveries), developing talent, and collaborating universally
- changing the landscape of energy demand and supply
- creating green jobs

The new administration already has shown its dedication to science through the fiscal year (FY) '09 budget, which boosted BES funding by \$300 million from FY08, Kung said. BES also

Honored at the 2009 NSLS/CFN Users Meeting were Keith Klaus, BNL; Chuan-Hsiang Huang, The Johns Hopkins University School of Medicine; and six poster winners: Jorge Camacho, Abdel Isakovic, Masha Kamenetska, Andreana Leskovjan, T. Kumara K. J. Mudalige, and Hua Zhou.

See pgs. 2 and 3

received about \$555 million in stimulus funding. Those additional funds will go to seven activities, including the \$150 million for NSLS-II, \$25 million for capital equipment at DOE's five Nanoscale Science Research

Centers — including the CFN, and \$25 million for equipment and upgrades at four synchrotron radiation light sources — including the NSLS.

In addition, more than half of the BES stimulus funds will provide support for some of the newly created Energy Frontier Research Centers. DOE has created 46 of these centers, which represent 110 institutions in 36 states and DC.

"We recognize that as a companion to the one-time construction and equipment purchases, there has to be a sustained science program to go with it," Kung said. "That's the reason for our commitment to provide \$277 million to fully fund five years of 16 Energy Frontier Research Centers."

See NSLS-CFN on pg. 2

Gay and Lesbian Pride Month Event, 6/18

Steve Hildebrand To Speak on 'The Obama Vision: Equality for All'

Steve Hildebrand, deputy campaign manager for Barack Obama in the 2008 presidential campaign, will give a talk titled "The Obama Vision: Equality for All" on Thursday, June 18, at noon in Berkner Hall. Sponsored by the Lab's Diversity Office and GLOBE — the Gay, Lesbian or Bisexual Employees Club at BNL — in honor of Gay and Lesbian Pride Month, the talk is free and open to the public. All visitors to the Lab age 16 and over must bring a photo ID.

"The election of President Obama was a major landmark in civil rights equality in the United States," said Hildebrand, the gay deputy director of President Obama's historic campaign. He maintains that President Obama and his supporters, especially voters of the "Millennial Generation" between the ages of 18 and 29, see it as their mission to bring the equality movement, including lesbian, gay, bisexual and transgender civil rights (LGBT) to the forefront of the nation's political agenda.

At BNL, Hildebrand will update the audience on what the nation can expect from the Obama administration on the LGBT civil rights front. He will also discuss how the mar-



riage-equality issue will play out nationwide and analyze how the Millennial Generation and their push for change will impact the future of the civil rights movement for all Americans.

Working with Barack Obama since September 2006, before then Senator Obama made the decision to seek the presidency, Hildebrand was at the forefront of all strategic decisions and helped to craft Obama's groundbreaking grassroots presidential campaign strategy. Hildebrand's marketing techniques, including the use of the Internet and the appeal to small donors, helped the campaign raise a record \$750 million for the candidate.

See Hildebrand on pg. 2

452nd Brookhaven Lecture, 6/17

Extreme Environments of Next-Generation Energy Systems and Materials: Can They 'Peacefully' Co-exist?

"What happens to conventional metals near the ocean?" you might ask the workers who are repairing the water tower at Jones Beach. They will tell you that both the tower's steel framework and copper roof show extensive corrosion from the salty air.

To power future generations of cars, homes, utility plants, and even particle accelerators, unprecedented levels of efficiency will be needed. Such efficiency will require new unconventional alloys and composite materials that can also withstand high temperatures, intense radiation fluxes, high stresses, and other extreme conditions in highly corrosive environments that accelerate the aging and weakening of materials, as salty air weakens steel and copper.

On Wednesday, June 17, join Nikolaos Simos of Brookhaven's Energy Sciences and Technology Department and the National Synchrotron Light Source II Project for the 452nd Brookhaven Lecture, titled "Extreme Environments of Next-Generation Energy Systems and Materials: Can They Peacefully Co-Exist?" 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.



During the lecture, Simos will discuss the demands of next-generation energy systems and focus on the extreme conditions that materials used in these systems will perform under. He will also explain Brookhaven Lab's role in past, ongoing, and future experiments aimed to analyze and address materials' abilities to endure these conditions.

Simos earned a Ph.D. in Mechanical Engineering from the City University of New York

(CUNY) in 1988. In 1989, he began working at Brookhaven National Laboratory as a research engineer. He was promoted to associate scientist in 1990 and scientist in 1993. In addition to his work at Brookhaven Lab, Simos has worked as an adjunct professor at CUNY and Polytechnic University. He has also worked on projects for the International Atomic Energy Agency, Nuclear Regulatory Commission, and Department of Homeland Security.

To join Simos for dinner at an off-site restaurant after the lecture, contact Jean Frejka, frejka@bnl.gov, Ext. 2349. — Joe Gettler.

In Memoriam

Theodore Klosowicz joined the Physics Department on June 7, 1965, as a technical specialist IV and retired on March 31, 1985, as a technical associate I, died on March 28, 2009. He was 87.

Donald Olcott, who joined the Reactor Division as a design engineer on November 5, 1984, died on March 30, 2009, at the age of 81. He had retired from the Lab on December 31, 1994.

Ellis Tremski, who joined the Lab as a custodian on March 5, 1962, became a mason in 1965, and retired as a Plant Engineering Division mason on December 31, 1986, died at the age of 85 on March 31, 2009.

Roger Kiely, who came to the Physics Department as an advanced technician on August 15, 1966, died at 72 on April 1, 2009. He joined Health Physics as a control officer in 1981 and retired from Safeguards & Security as a guard on September 29, 1995.

Stephen Eiseman, who joined the Alternating Gradient Synchrotron Department as a development engineer III on January 6, 1969, and retired from the Physics Department as a senior research engineer on September 30, 1997, died at 69 on April 5, 2009.

James Briggs, who joined the Alternating Gradient Synchrotron Department on January 8, 1979, as a technician IV and retired from the Collider-Accelerator Department as Technical Projects Supervisor on October 26, 1990, died at 76 on April 29, 2009.

Charles Freeman, who joined the Lab on January 3, 1956, as a technician B, and retired from the Collider-Accelerator Department as Principal Staff Shop Technician on April 13, 1984, died at age 87 on April 30, 2009.

Arrivals & Departures

— Arrivals —

Joseph CostinoNSLS-II
Edward Nowak ESH&Q

— Departures —

David Cooley Env. Sciences
Sung Won Kim Medical

BERA Book Fair

BERA will sponsor a Book Fair in Berkner Hall on Tuesday and Wednesday, June 16 & 17, 10 a.m.-2 p.m. New books will be in stock and sold at up to a 70 percent reduction. Gift items will also be available. Credit cards and checks will be accepted.

Hildebrand from pg. 1

In 2005, Hildebrand and Paul Tewes founded Hildebrand Tewes Consulting, a full-service consulting firm that specializes in communications, candidate research, and grassroots strategy. Based in Washington, DC, and Sioux Falls, South Dakota, Hildebrand Tewes Consulting is considered one of the premier political firms in the U.S.

Hildebrand's past campaigns and current and past clients include the Clinton-Gore re-elect campaign; Gore for president; Senator Tom Daschle; Senator Tim Johnson; Senator Robert C. Byrd; Senator Sheldon Whitehouse; Americans United to Protect Social Security; America's Voice; Environmental Defense; several unions, including the AFL-CIO; and numerous other organizations.
— Jane Koropsak

NSLS-CFN from pg. 1

The funding picture is expected to continue in its rosy hue, Kung said, with a requested 7 percent increase in the BES budget in FY10.

A New Era of Light

Pedro Montano, Director of the BES Scientific User Facilities Division, echoed Kung's optimism for science funding, adding that he is particularly happy about new funds awarded to bridge the technological gap between synchrotron light source accelerators and detectors.

"For many years, detectors have lagged well behind the improvements made to accelerators," he said, adding that DOE has the largest complex of accelerator-based facilities in the world. "This has always been a weak spot in light source development. And for the first time, we're able to dedicate funds to accelerator and detector research."

After giving a brief update on the status of current and future projects, he told the audience about the Linac Coherent Light Source (LCLS) at SLAC National Accelerator Laboratory. LCLS is the world's brightest x-ray source and gave researchers the first-ever glimpse of a high-energy or "hard" x-ray laser light produced in a laboratory when it was turned on in April, one year ahead of schedule.

"This is a tremendous success," Montano said, mentioning that two other free-electron laser sources are under construction around the world, including SPring-8's Compact SASE Source in Japan and the European X-ray Free Electron Laser in Germany.

NSLS - II Update : Shovel Ready

Next, Steve Dierker, Associate Laboratory Director for Light Sources, gave an update on the "busy and exciting year" surrounding NSLS-II, which will have a start-of-construction celebration on June 15. The project received DOE's Critical Decision 3 (CD-3) approval in January, awarded a major contract to construct the ring building to a general contractor in February, and remains within budget and on schedule for completion by June 2015. This progress is partly due to \$150 million in stimulus funding that will accelerate the facility's construction.

"This isn't additional funding — the overall project cost is still \$912 million," Dierker said. "But it provides more funds earlier than the original funding profile and enables us to pull work forward, creating more jobs sooner than we would have otherwise been able to do."

Construction site work is currently under way. In addition, NSLS-II staff has: re-evaluated the laboratory office building (LOB) design, adding almost 50 percent more offices and labs and increasing the overall space to 34,000 square feet per LOB; designed the specialized storage ring magnets, which will soon go out for production; and created



With this year's Chair of the NSLS Users' Executive Committee, Bruce Ravel (left), National Institute of Standards & Technology, are poster winners: (from left) Abdel Isakovic, BNL National Synchrotron Light Source Department (NSLS); Andreana Leskovjan, NSLS; Jorge Camacho, BNL Condensed Matter Physics & Materials Science Department (CMPMS); T. Kumara K. J. Mudalige, CMPMS; and Hua Zhou, NSLS. Not pictured: Masha Kamenetska, Columbia University.



2009 Users' Meeting organizers: from left, Gretchen Cisco, BNL; Grace Webster, BNL; Jean Jordan-Sweet, IBM; Mercy Baez, BNL; Nancye Wright, BNL; Kathy Nasta, BNL; Bruce Ravel, National Institute of Standards & Technology; Cecilia Sanchez-Hanke, BNL; Stanislaus Wong, Stony Brook University and BNL; and Latha Venkataraman, Columbia University.

specialized R&D labs on site. In addition, with input from users and other stakeholders, NSLS-II management selected an initial suite of six project beamlines: inelastic x-ray scattering, hard x-ray nanoprobe, coherent hard x-ray scattering, coherent soft x-ray scattering, high-energy x-ray powder diffraction, and submicron resolution x-ray spectroscopy. Advisory teams have been formed to work with NSLS-II to provide advice on the design, construction, and commissioning of these beamlines.

Still, this is just the beginning, Dierker said, noting that about 85 percent of the work to complete the project remains.

NSLS Update: Back on Financial Track

NSLS staff and users are extremely grateful for the increased funding allocated in the FY09 budget, especially after continuous years of flat funding, said NSLS Chair Chi-Chang Kao. The department will receive an additional \$3.6 million, which will allow staff to complete a handful of construction projects that were put on hold in the face of previous funding shortages. In addition, it will enable the purchase of maintenance components, the addition of advanced detectors to existing experimental systems, and the hiring of staff in areas that have been under a critical shortage. It will also provide more beamline support.

The NSLS, which continues to host about 2,100 users per year, also is developing a new, web-based training initiative to help novice users learn various synchrotron techniques, starting with x-ray absorption fine structure.

"Once we know how this works, we'll develop training tools

for others techniques," Kao said.

Other recent NSLS activities include: the creation of methods and instrument-development teams, which will link staff members with users to create instruments for transition to NSLS-II and help maintain the financial and intellectual contributions expected to be lost by the exit of the facility's participating research teams; the launch of a new initiative to attract and enhance industrial involvement; and the reduction of experimental floor laboratories so that they can be supported and maintained better.

In addition, Kao told the audience about the Joint Photon Sciences Institute's (JPSI) first workshop, hosted along with IBM, the National Institute of Standards and Technology, and Albany Nanotech. The event brought together synchrotron experts and microelectronics researchers to put together a road map about the major scientific challenges they face and how synchrotron-based tools might help.

CFN Update: First Year of Operation

CFN Director Emilio Mendez told the audience that the science outlook of the new leadership in the White House will benefit the CFN and nanoscience research at large.

"There's a new climate in the nation and DOE for science, especially in energy sciences," he said. "And that will, and already is, impacting our work at the CFN."

The effect can already be seen in the CFN's budget, which increased almost 10 percent from FY08 to FY09, Mendez said. In addition, the facility will be able to undergo various upgrades with the \$4.8 million received in stimulus funds.

In its first year of operation, the CFN saw a significant increase in both staff and users, Mendez reported. CFN staff currently numbers 45, with plans to expand that to 60 by the year 2010. User proposals have doubled since last year. And more often, users are requesting additional facility time in subsequent proposal cycles, an important step toward achieving the goal of becoming a "user-oriented research center that is considered a resource for world-class projects on nanoscience," said Mendez.

CFN staff are also in the process of purchasing and installing major equipment, including a high-performance e-beam lithography system expected to be operational in June, a transmission electron microscope for soft materials, and an energy filter for a workhorse transmission electron microscope.

Meeting Big Challenges at Small Length Scales

Throughout the main meeting, guest speakers highlighted their research, spanning from energy applications in nanoscience to space dust. First up was keynote speaker Mildred Dresselhaus, a professor of electrical engineering and physics from the Massachusetts Institute of Technology. In her talk, "The Promise of Nanoscience for Energy Related R&D," Dresselhaus stressed that because of the increasing world population, many countries are pledging to use 20 percent renewable energy by 2020. The key to achieving these energy solutions is conducting research on the nanoscale, where everyday materials take on different properties. Highlighting several approaches — including solar energy, photovoltaics, water splitting, and superconductivity — Dresselhaus showed how nanomaterials and basic research will help revolutionize the energy field.

Later in the morning, University of Washington professor David Brownlee discussed using the NSLS to analyze comet samples collected by NASA's Stardust spacecraft. Because comets formed at the cold edge of the solar system, they are the best-preserved historical samples of our sun and planets, Brownlee said. He outlined the findings of the study and the challenges the researchers faced, from the physical collection of the speeding comet particles to the various synchrotron techniques needed in the lab.

The last science speaker was SLAC National Accelerator Laboratory physicist Uwe Bergmann, who discussed "Advanced Hard X-Ray Spectroscopy — Recent Results on Water and 3d Transition Metal Systems." In his talk, Bergmann pointed to new opportunities with novel applications of hard x-ray spectroscopy, including new studies on water and the effects of isotope substitution and confinement on its local structure.

— Kendra Snyder

Gertrude Scharff-Goldhaber Prize Ceremony, 6/18

The BNL community is invited to attend the 2009 Gertrude Scharff-Goldhaber Prize ceremony, which will be held on Thursday, June 18, at 3 p.m. in the Hamilton Seminar Room, Bldg. 555. Established to recognize substantial promise and accom-

plishment by a woman graduate student in physics, the annual \$1,000 award is administered by Brookhaven Women in Science (BWIS). The prize honors the outstanding contributions of the late nuclear physicist Gertrude Scharff-Goldhaber, who, in 1950, became the first

woman Ph.D. physicist appointed to the BNL staff. Later, Scharff-Goldhaber became a founding member of BWIS.

This year's prize will be awarded to Na Li, a graduate student at Huazhong Normal University who is a member of the Relativistic Heavy Ion

Collider's (RHIC) STAR collaboration. Li will present a short seminar on her research, titled "Study of Collective Dynamics at RHIC." Refreshments will follow the presentation.

For more information, contact Linda Bowerman at Ext. 4265.

Chuan-Hsiang Huang Receives 2009 Julian Baumert Award

Chuan-Hsiang Huang, a post-doctoral fellow at The Johns Hopkins University School of Medicine, is the winner of this year's Julian Baumert Ph.D. Thesis Award for his work on solving the structure of a protein frequently mutated in human cancers. The prize, now in its third year, is given to a researcher who has recently conducted a thesis project that



included measurements at the National Synchrotron Light Source. It was established in memory of Julian David Baumert, a young BNL physicist who was working on x-ray studies of soft-matter interfaces at the NSLS before he died in June 2006.

For more information on Huang, go to http://www.nsls.bnl.gov/newsroom/news/2009/05-Baumert_Award.htm.

— Kendra Snyder

Employee Lunchtime Tour: Water Treatment, 6/19

Although many Long Islanders may feel somewhat saturated by the recent damp weather, the Employee Lunchtime tour on Friday, June 19, will explore a new angle on water — how BNL takes natural water into the on-site water-treatment plant and uses it to provide some of the best tasting water in the state.

Meet at noon in the Berkner Hall upper lobby to be taken to the plant, where Bill Chaloupka will explain the Lab's water-supply process. The group will return to Berkner by 1 p.m. Call Ext. 2400 for more information. No reservations are needed.

Cycletrons Motorcycle Club Lunch, Group Ride, 6/16

The Cycletrons will host a Ride to Work lunch on Tuesday, June 16 (rescheduled from the original date). The first Ride to Work Day was established in 1992 to encourage commuting via two wheels. Motorcycle and scooter organizations actively encourage riders to commute by cycle on this day. BNL motorcycle enthusiasts are invited to join the Cycletrons Motorcycle Club at the gazebo at noon for their annual luncheon and group ride. The cost is \$5 per person. For information, contact Frank Dusek, dusek@bnl.gov. Please RSVP for lunch, in advance, to Toni Hoffman, hoffman1@bnl.gov.



Summer Science Explorations At BNL's Science Learning Center

BNL employees are invited to register their children for the 2009 Summer Science Explorations Program, which is a free offering from the Science Learning Center in the Lab's Office of Educational Programs. The three-day summer camp will be held from 8:30 to 11:30 a.m. for students entering 4th – 6th grades.

The focus of the camp is astronomy. Through various games and activities, students will explore the solar system and the sun's energy. The environmental day will focus on life cycles of frogs and dragonflies. These programs center on research done at BNL. In addition to BNL's science educators, teaching participants include research staff and pre-service teacher interns. Students must attend all three days; parents of participating children are welcome to attend.

The weeks of June 29 (Monday through Wednesday) and August 3 (Tuesday through Thursday) have been reserved for the children of the BNL community. Register your child or grandchild by contacting the Science Learning Center Office located in Bldg. 400, Ext. 4495.

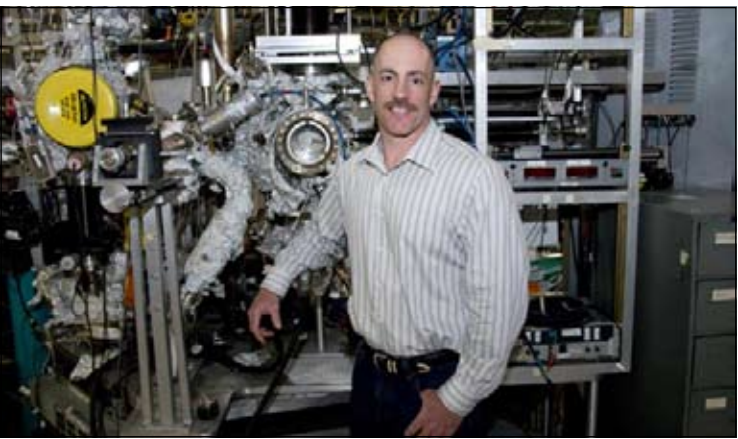
¿Quiere Aprender Hablar Español?

Do you want to learn to speak Spanish? The English for Speakers of Other Languages (ESOL)/Quality of Life Offices have organized a class for those interested in learning to speak Spanish through Stony Brook University's non-credit program. These on-site classes will be held on Wednesday evenings from 5:30 – 7:30 p.m. from June 24 until July 29. Registration is \$25 and all materials will be provided. To sign up, contact Jennifer Lynch, jlynch@bnl.gov.

Defensive Driving Course In Two Parts, 6/22 & 25

The next six-hour Defensive Driving (Point & Insurance Reduction) course will be held in two parts on Monday and Thursday, June 22 and 25, in Berkner Hall, Room B, 6-9:15 p.m.

The course is open to BNL, BSA, and DOE employees, facility-users, and their families. The cost is \$38 per person. Preregistration is required. To register, call Ed Sierra, 821-1013, and leave a message. Include your phone number.



NSLS Safety Engineer Keith Klaus Wins UEC Community Service Award

The National Synchrotron Light Source (NSLS) Users' Executive Committee (UEC) awarded Keith Klaus, the NSLS Safety Engineer, with the 2009 UEC Community Service Award for outstanding service, innovation, and dedication to users of the NSLS.

Klaus has worked at the NSLS for about two years and at BNL for about ten years. He received his bachelor's degree in geological sciences in 1994 from the State University of New York at Buffalo and his master's degree in hydrogeology and MBA from Stony Brook University in 1997 and 2007, respectively.

Klaus first worked at BNL for a year as a hazardous waste technician and, after four years of geosciences-related work at outside companies, he rejoined the Lab's Environmental Restoration Division as a hydrogeologist in 1999. In 2004, he became

an environmental compliance representative for multiple BNL departments. He joined the NSLS in 2007 as Safety Engineer. In this role, Klaus is responsible for conducting the departmental Environmental, Safety, & Health inspection program. He also is in charge of the NSLS chemical management program and the NSLS Hazardous & Radioactive Waste Program.

John Parise, NSLS UEC Chair, presented the award to Keith at the NSLS Users' Meeting banquet on Tuesday, May 19. Keith received a \$250 gift certificate and his name will be engraved on the plaque on display in the NSLS lobby.

To read some of the appreciative statements made by users and staff in support of Klaus's nomination, go to http://www.nsls.bnl.gov/newsroom/news/2009/05-UEC_Award.htm.

— Kendra Snyder

Classified Ads from pg. 4

Audio, Video & Computers

BLACKBERRY – Used for 3 mos, great cond/\$100, phone/ car charger incl. Ext. 3008 or ddaniels@bnl.gov.

HP ALL-IN-ONE PRINTER – PSC-1510, \$10. Ext. 4431 or miyamoto@bnl.gov.

PHOTO & NEGATIVE SCANNING – www.pictureperfectscans.com scans & color corrects to DVD. Music avail. 928-6469.

SCANNER – microtek, flat bed, \$35. Alfredo, Ext. 7699 or luccio@bnl.gov.

Community Involvement

FARMERS' MARKET @ MT. SINAI – Every Fri, 2-6pm, at Heritage Park at corner of 25A & Co. Rd. 83. Organic, local, crafts, more! Ext. 5090.

VOLUNTEERS – Rescue group seeking foster homes for dogs/cats. All expenses covered. Kathleen, Ext. 3161 or kratto@bnl.gov.

Sports, Hobbies & Pets

CELLO – Anton Schroetter German-made, v/gd cond, hard case incl, no bow. \$3,700/firm. 929-3251 or plate@bnl.gov.

METS TICKETS – 2 seats, Excelsior Levell; sec 338; rw 3; seats 1 & 2 on aisle. Grt. view. Call for avail dates left. 751-7023.

POP UP CAMPER – '95 Coleman, rd height 47", box lgth 12', slps 7, great shape. \$1,000. Daniel, Ext. 3172 or 375-4343.

WETSUIT – youth size 12. excl. cond, pd/\$110, ask/\$55. 286-1018, fitz@bnl.gov.

Tools, House & Garden

MITER SAW – Ridgid, 10", never used, util. stand provides 8' work space, value/\$300, ask/\$180. Ed, 750-3169.

Lost & Found

OLYMPUS CAMERA – lost in Bldg 555, June 1st, at the AGS meeting. If found, please contact me, thank you v/much. Xiao-Feng, 510-837-9555 or xfluo@lbl.gov.

SOFTBALL GLOVE FOUND – at field 3. Robert, Ext. 4123 or rriccobo@bnl.gov.

Miscellaneous

96 SUNLINE TRAILER – 24', sleeps 4, 5 new tires, new mattress, elect jacks, many extras. incl all, \$5500/o/b/o. 924-5187.

DIAMOND RING – 1 carat white gold setting, photo avail., receipt-price \$2K, ask/\$750. 516-817-0999 or lilady007@optonline.net.

KENNY CHESNEY TICKETS – Jones Beach 6/24/09 sec 5L, row G, seats 9 thru 12 ask \$400. Donald, 457-3149.

PET CORRAL – 2/interlock steel panels, pics avail, 8 panels 42" x 24"; 8 panels 36" x 24" ask/\$60/both. Ext. 2198, 591-1183.

SHIATSU MASSAGING CUSHION – Homedix Therapist, box unopen, pd/\$99, ask/\$45. <http://tinyurl.com/py927w>. 672-4141.

SKID STEER & TRAILER – 3-Cyc Isuzu Diesel Calc-filled tires 60" bucket '95 hvy hauler w/treks decking, 6x10 dual axle, elec brakes, new batt, wiring, brake. 965-2270.

SOUTHWEST AIR VOUCHER – 3 avail, value/\$250/ea @ 20% discount, for travel in US thru 8thAug.09. Ext. 6117, 630-247-6560.

TICKETS – Hot Tuna at Beacon Theater 12/5, 4 tickets, will sell in pairs, \$112.50/pair. Steve, Ext. 4211, 286-3681.

'WICKED' TICKETS – two, Sun. June 28, matinee. Orchestra seats, Row L 25 & 27. \$126.25/ea. Ext. 2719 or kcoardt@bnl.gov.

Happenings

DINNER/SHOW OUTING – Miracle of Christmas 11/14, Millennium Theatre, dinner: Millers, Strasburg,PA. DEPOSITS \$60pp due now. Call for DETAILS. Kim, Ext. 7465, 399-3098 or khayes@bnl.gov.

PUBLIC ASTRONOMY NIGHTS – Columbia Univ. Astro. Dept. runs free lectures w/telescope observation alt. Fris., 9-11pm. 6/12: Before the Big Bang? <http://tinyurl.com/d6pjjv6>. James, jlowder@bnl.gov.

Farewell Gathering

DEBBIE MACELUCH – from HR is retiring. Please join us Friday, June 26, 5:30-7:30 pm at the Brookhaven Center, \$35/pp. Starr, Ext. 7631 or munson@bnl.gov.

Wanted

FEMALE SOFTBALL PLAYER(S)– needed for BNL mixed league. Any caliber/any age welcome. Good times, great food and drink. Thurs. night games. Eric, Ext. 8226.

FREE REFRIGERATOR – for the Quality Management Office, preferably a lg one. Stasia, Ext. 3979 or scocca@bnl.gov.

GIRL SCOUT BOOK – Girl Scout Junior Badge book, recent edition, good condition. Ext. 4465 or alt@bnl.gov.

HOUSE TO RENT CENTER MORICHES – Looking for 3-4 bdrm house in CM Sch. Dist., 2-yr plus lease desired. 487-5717.

TRAINING WHEELS – needed for bike with 14" wheels. Any condition. Thanks. Henry, Ext. 5754 or hhocker@bnl.gov.

TV ANTENNA ROTORS & PARTS – needed for amateur radio proj, can pay sm amt but hope to get for free. Gary, Ext. 7779.

For Rent

RIDGE - 3 bdrm., 1.5 bath, l/r, d/r, kit, gar, fin. bsmt, +util/sec, \$1,750/mo. Ray, Ext. 3541, 924-4147.

NAPLES, FL – 2br, 2ba completely furn condo on golf course in gated golf community, avail thru 12/31/09. \$1,200/mo. Denice, 523-7870 or blade@bnl.gov.

POCONOS, PA – Time Share, 7/11-18/09, Tanglewood Resort, 2 bdrm, full kit, sleeps 6, many amenes, golf, lake, www.tanglewoodresorts.com. \$550/wk. 672-4141.

Other rental ads are available on pg. 5 of this pdf, or by contacting Ext. 2346 or bulletin@bnl.gov or Bldg. 400C, Public Affairs.

For Sale

LAS VEGAS, NV – TIMESHARE Wyndham Vacatn Resort, Grand Desert Resort, but can use points syst. widwde, 304,000 points covers minim. 2 wks/yr. \$4,000 neg. Ext. 8611.

SHOREHAM – 4 bdrm., 2.5 bath Col., formal l/r and d/r, den w/fp, fin. bsmt, 12 x 20 deck, igs, new granite counters, SWRS, more, 7 mi to Lab. \$499,900 neg. 821-3320.

CALENDAR

— THIS WEEK —

Tonight, Friday, 6/12

***Two Guitarists: Vignola, Raniolo**
8 p.m. Brookhaven Center. Frank Vignola & Vinny Raniolo will perform. Open to the public. Tickets: \$15 in advance, \$20 at the door. See pg. 4.

— WEEK OF 6/15 —

Monday, 6/15

***Labwide NSLS-II Celebration**
Hold the date. See notice, pg. 1.

Tuesday, 6/16

***Lab Blood Drive**
9:30-3 p.m. Brookhaven Center. Donations are vital. See pg. 4.

***BERA Sponsored Book Fair**
10 a.m.-2 p.m. Berkner Hall lobby. 6/17 also. See pg. 2.

***Cycletrons Lunch, Group Ride**
Noon. Gazebo in ball field. All welcome. RSVP to Toni Hoffmann. See notice below, left.

Wednesday, 6/17

***Lab Blood Drive**
9:30-3 p.m. Brookhaven Center. See pg. 4 for details.

452nd Brookhaven Lecture
4 p.m. Berkner Hall. Nikolaos Simos, Energy Sciences & Technology Department, talks on extreme environments of next generation energy systems and materials. See pg. 1.

Thursday, 6/18

***BERA Sponsored Book Fair**
10 a.m.-2 p.m. Berkner Hall lobby. See pg. 2.

***Talk: Vision of Equality for All**
Noon. Berkner Hall. In honor of Gay & Lesbian Pride Month, Steve Hildebrand of Hildebrand Tewes Consulting will talk on "The Obama Vision: Equality for All." The talk is free and open to the public. Visitors to the Lab of 16 and over must carry a photo ID. See pg. 1.

***Scharff-Goldhaber Prize Ceremony**
3 p.m. Hamilton Room, Bldg. 555. All are welcome to the ceremony and reception. See pg. 2.

Friday, 6/19

BJ's Membership Drive
11 a.m.-2 p.m. Berkner Hall lobby. \$38.03 for a 15-month membership. Can add to existing membership.

***Employee Lunchtime Tour**
Noon. Berkner Hall lobby. See notice above, left.

— WEEK OF 6/22 —

Monday, 6/22

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.

***Defensive Driving, Part I**
6-9:15 p.m. Berkner Hall, Room B. Part II: 6/25. See notice below, left.

Tick Warning

Adult ticks are now prevalent outdoors on site, and the smaller nymphal stage of ticks will also be present until about August.

If you think you have been bitten by a tick or chigger, go to the Occupational Medicine Clinic, Bldg. 490. See also: <http://www.bnl.gov/esh/shsd> and <http://www.bnl.gov/hr/occmcd>, and the Monday Memo article of June 1: <http://intranet.bnl.gov/memo/mm.asp?Issueld=148&Storyld=5>.



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.

POSTDOCTORAL RESEARCH ASSOCIATE – Requires a Ph.D. in radiochemistry, materials science or physics. Experience working with x-ray diffraction techniques is also required. Knowledge of nuclear materials, irradiation damage, and synchrotron techniques is highly desirable. Experience with Pair Function Distribution analysis (PDF) and Transmission Electron Microscopy (TEM) is also desired. Will work in a team environment and interface with scientists and other synchrotron users. Will also be responsible for data collection, complex data analysis techniques and software and report writing. Will contribute to a new research project involving the characterization of materials for advanced energy systems under extreme conditions, such as high temperature and radiation flux, using the techniques available at the National Synchrotron Light Source. Under the direction of M. Todosow, Energy Sciences & Technology Department. When applying for a position, please add the contact and email address of at least three references in the Reference box located on the application page. Note that if you have applied for multiple positions under one application, the same reference information is attached to all those positions. If you elect to use different referees for different positions, apply to each position separately. BNL policy states that Research Associate appointments may be made to those who have received their doctoral degrees within the past five years. Apply for Job ID #14911.

POSTDOCTORAL RESEARCH ASSOCIATE (reposting) - Requires a minimum of a Ph.D. degree in electronics engineering or related field, having experience that includes development of advanced analog and mixed-signal integrated circuits. Knowledge of current-mode design techniques would be an advantage. Prior experience in low-noise analog electronics and knowledge of radiation detectors and detector technology are highly desirable. Requires the ability to work independently and effectively in a multi-disciplinary environment, and must have excellent communication skills. Will be involved in the development of advanced analog and mixed-signal integrated circuits and low-noise analog electronics design. National Synchrotron Light Source. Apply for Job ID #14701.

POSITION: BEAMLINES MANAGER (Ref # 52393)

Duties: Responsible for the specification, design, procurement, build, installation and commissioning of X-ray and Infra-Red beamlines for scientific research. Will work with beamline scientists and engineers and provide guidance and assistance to complete the project beamlines on time and within budget. Will manage a small group of staff. Identify, communicate, and develop plans to resolve potential interface issues with other stakeholders in the project including those in the conventional facilities and the accelerator systems divisions.

Education Required: Bachelor's degree or foreign equivalent in Electrical Engineering or related.

Experience Required: Ten years of progressive experience in a related position.

Special Requirements: Must have more than two years' experience with multiple-beamline construction program management; and insertion device x-ray sources (permanent magnet and superconducting). Must also have more than five years' overseeing contract negotiation of high-value x-ray instrumentation and working with vendors in the field of synchrotron instrumentation; experience of the management of groups of scientific and/or engineering staff; and experience of standard large (multimillion dollar) project management practices (i.e. EVMS and project management software).

Salary: \$134,000 - 157,000.00 per year

Worksite: Upton, NY

Contact: Joanna Hall, Supervisor, Employment

- NSLS II, Brookhaven National Laboratory

MECHANICAL PROJECT ENGINEER I (P-9) - Responsibilities include: Specification, design, analysis, fabrication/procurement, installation, and commissioning of x-ray beamline mechanical subsystems for the NSLS-II Project. Will provide technical guidance and supervision to project designers and technicians. Will be capable of producing written reports and should be competent in the use of MS Word and Excel. Will report to the Beamline & Interface Manager within the Experimental Facilities Division at NSLS-II. Requirements: BS degree in mechanical engineering (MS degree strongly preferred) and ten-plus years of relevant experience. Substantial knowledge of mechanical design, analysis, materials and advanced manufacturing processes is required. Considerable experience in using 3-D CAD (Inventor or Pro-E), drawing standards and engineering codes. Knowledge of precision mechanical systems, instrumentation and control systems, and vacuum systems is required. Strong communication and interpersonal skills are required for interaction with a diverse group of scientists and technical staff, and candidates will be required to show evidence of successfully working within a project team. Preferred Requirements: experience of x-ray detectors or beamline hardware is desirable. Previous work experience in an accelerator or light source facility is desirable. National Synchrotron Light Source II. ERAP eligible \$1,000. Apply for Job ID #14913.

MECHANICAL ENGINEER – VACUUM SYSTEMS (P-7) Main responsibilities include detailed design, analysis and fabrication of precision vacuum chambers and appendage components, including extrusion, machining, welding and brazing of these components with daily interaction with BNL and vendor fabrication facilities. Direct other technical staff in the assembly and measurement of these components, leading to the installation and commissioning of the storage ring vacuum systems. Report to NSLS-II Vacuum Group Leader. Requirements: BS degree in mechanical engineering and seven years of relevant experience with the detailed design, material and manufacturing of precision mechanical components. Experience with CAD, engineering drawing standards, dimensions/tolerance, thermal, structural and stress analysis is essential. Excellent written and verbal communication skills and the ability to develop detailed technical design and procedures. Preferred requirements: MS in Mechanical Engineering; knowledge of vacuum components, vacuum chambers, vacuum pumps and vacuum systems is desirable. National Synchrotron Light Source II. ERAP eligible \$1,000. Apply for Job ID #14912.

MECHANICAL PROJECT ENGINEER II (P-7) Main responsibilities include working with others on the specification, design, analysis, fabrication/procurement, installation, and commissioning of x-ray beamline mechanical subsystems for the NSLS-II Project. Will report to the Beamline and Interface Manager within the Experimental Facilities Division at NSLS-II. Requires a BS degree in mechanical engineering or equivalent and seven-plus years of relevant experience. Knowledge of mechanical design, analysis, materials and advanced manufacturing processes is required. Strong written and oral communication and interpersonal skills are required for interaction with a diverse group of scientists and technical staff, ability and prior experience working within a project team experience in using 3-D CAD (Inventor or Pro-E), drawing standards and engineering codes. The candidate will be capable of producing written reports and should be competent in the use of MS Word and Excel. Preferred requirements: Knowledge of precision mechanical systems, and vacuum systems is highly desirable. Experience of x-ray detectors or beamline hardware is desirable. Previous work experience in an accelerator or light source facility will be given preference. National Synchrotron Light Source II. ERAP eligible \$1,000. Apply for Job ID #14915.

MATERIALS SCIENCE RESEARCHER (P-5, reposting) - Responsibilities include the set-up and operation of a state-of-the-art crystal fabrication lab as part of the R&D effort to develop x-ray optics for achieving the 0.1meV energy goal. Will work closely with the research group in the design and fabrication of the x-ray optics. Requirements include a BS degree in material science or related discipline plus five years of relevant experience in x-ray crystal optics fabrication, including cutting, polishing and chemical etching of high-quality silicon crystals. Must have excellent written and oral communication skills and be able to interact effectively with a diverse group of scientists, technical staff and users. Preferred requirements include a Master's degree, experience in supporting synchrotron x-ray beamline optics development and experience using state-of-the-art instrumentation including superfine CMP polisher and high-precision diamond wheel dicing saw for crystal fabrication. Position reports to the Inelastic X-ray Scattering Group Leader. National Synchrotron Light Source II. ERAP eligible \$1,000. Apply for Job ID #14709.

MECHANICAL/CIVIL ASSOCIATE/STAFF ENGINEER (P-3/P-5, reposting) - Requires a bachelor's degree in mechanical, civil or marine engineering, and a broad knowledge of engineering disciplines and construction

techniques. Some engineering design and analysis experience is preferred. CAD/CAE computer skills with ANSYS, Pro-E, Inventor, or equivalent software are desirable. Office skills with MS Word, Excel, and Project are required. Excellent written and verbal communication skills are required to direct the efforts of Laboratory craft and technical personnel during maintenance and installations. A desire to perform creative engineering, to work hands-on with mechanical equipment, and work as part of a team to develop and build unique equipment is required. The Collider-Accelerator Department is responsible for operation, maintenance, and upgrade of the Relativistic Heavy Ion Collider (RHIC). As a member of the Experimental Support & Facilities Division, the holder of this position will design new equipment installations, build large static and dynamic structures, lifting fixtures, water and air cooling systems, and support the installation of cryogenic systems. Will be placed at the P-3 or P-5 level dependent upon complexity of knowledge and years of experience. Collider-Accelerator Department. ERAP eligible \$1,000. Apply for Job ID #14547.

TECHNICAL SPECIALIST/SR. TECHNICAL SPECIALIST (T-2/T-3) - Will provide technical support to the NSLS department in the area of Electrical Support and NSLS Operations. Under general technical direction, and with considerable latitude for the exercise of initiative and judgment, will perform a wide variety of highly skilled technical assignments in support of the engineering and technical staff, including the fabrication, testing, installation, upgrade, troubleshooting, repair and maintenance of equipment managed and operated by the NSLS Electrical Support Group. All work will be performed in a manner that is consistent with BNL and NSLS safety and quality assurance guidelines and regulations. Must demonstrate a thorough, working knowledge of both analog and digital circuitry and must be able to troubleshoot using standard test equipment such as function generators, oscilloscopes and multi-meters. The ability to understand and work from schematics, verbal instructions and written test procedures is necessary. PLC programming skills are desirable. Requires an AAS degree in electronic technology or equivalent experience, plus a minimum of four years of relevant experience performing complex tasks. Will be hired at the T-2 or T-3 level commensurate with the amount and relevance of experience and demonstrated degree of initiative and judgment when solving technical problems. National Synchrotron Light Source. ERAP eligible \$500. Apply for Job ID #14916.

VACUUM SYSTEMS TECHNICAL SPECIALIST (T-2, reposting) - Requires an AAS degree in electro/mechanical technology or equivalent experience, plus four years' experience in assembly, maintenance, repair and operation of ultrahigh vacuum systems and related equipment. Extensive experience in the use of hand tools and electronic test instruments is required as well as the ability to work from drawings, schematics, and verbal instructions. Must be self-motivated, able to work with minimum supervision, and have good communication skills. Will be responsible for fabricating, assembling, commissioning, troubleshooting and repairing vacuum systems and related equipment such as leak detectors, turbo molecular pumps, ion pumps, titanium sublimation pumps, residual gas analyzers, vacuum gauges and their associated controls. Proficiency with computers, machine shop practices, particle accelerator systems and/or large vacuum systems is desired. Collider-Accelerator Department. ERAP eligible \$500. Apply for Job ID #14903.

MECHANICAL/VACUUM TECHNICAL SPECIALIST (T-2) - Under general technical direction, and with latitude for ingenuity and judgment performs a wide variety of highly skilled technical assignments in support of the engineering and technical staff. Job duties will include the fabrication and assembly of hardware, measurement, troubleshooting, repair and maintenance of NSLS-II vacuum components and systems. Qualifications Required: AAS in electro/mechanical technology plus four years' experience in the fabrication, assembly, and testing of complex electro-mechanical equipment. Requires good mechanical skills, the use of hand tools, a working knowledge of machine shop processes, and the ability to work from drawings, schematics and verbal instructions. Must be self-motivated, able to work with minimum supervision, and have good communication skills. Qualifications Desired: Proficiency in Microsoft Office and electronic experience are preferred. Experience in the assembly and operation of high vacuum equipment is a plus. Reports to the Vacuum Systems Technician Supervisor, National Synchrotron Light Source-II. ERAP eligible \$500. Apply for Job ID #14907.

Motor Vehicles & Supplies

05 CHRYSLER 300 TOURING – 82K mi. black pearl, mint cond. 6 cyl., many extras. \$9,500 neg. 929-4978 or mjulian@bnl.gov.
03 DODGE GRAND CARAVAN – 134K mi. lt. blue, gd cond, well maint. \$3,500 neg. 516-971-9201.
02 HONDA CIVIC EX – 90K mi. 4dr, sun-roof, abs, cd, p/w, p/l, 5spd. \$6,000 neg. 745-9611.
01 SATURN SL1 – 77K mi. Automatic, air conditioning. \$3,000. Cindy, 874-3652.



Roger Stoutenburgh D11 40609

Meet Louisa Barone — Dedicated Blood Donor

If you ask Louisa Barone of Human Resources what inspired her to start giving blood, she would tell you that she knows firsthand how a small gesture can make a huge difference in someone's life. "About 30 years ago, a close family member was diagnosed with cancer and needed a transfusion," said Barone. "Helping out my family member was my original incentive, but I have been donating blood since then knowing that it truly can be the difference between life and death for someone."

Susan Foster, who also works in Human Resources and has coordinated the blood drives for Long Island Blood Services at the Lab,

Blood Drive, Tuesday and Wednesday, June 16 & 17

Barone said she has noticed the same people on line during the blood drives held at the Lab, and she hopes to see some new faces at BNL's next blood drive on June 16 and 17, 9:30 a.m.-3 p.m. at the Brookhaven Center. Donors must be 16 to 75 years of age, in good health and weigh over 110 lbs. Restrictions may apply to individuals

reminds us that this is a critical time of year to donate blood.

"Most colleges are not in session and high school students are preparing for graduation, so Long Island cannot depend on our students to supplement our blood supply," Foster said. "It is up to us to provide a sufficient amount of blood for emergencies that may come up over the July 4 holiday weekend. I applaud Louisa for her dedication. She is the perfect person to be a BNL Blood Drive Captain because her willingness to volunteer inspires the rest of us. Our employees always rise to the occasion, and once again, we are asking that you roll up your sleeves and give the gift of life."

from the United Kingdom and Europe. Donors should have a photo ID. To make an appointment, log on to the Human Resources webpage, click on "Blood Drive" and select "Schedule an Appointment" or contact Liz Gilbert, Ext. 2315. For more information, visit <http://www.bnl.gov/HR/BloodDrive/default.asp>.

— Jane Koropsak

Two Guitarists Perform Tonight, 6/12

Guitarist and composer Frank Vignola (right) will perform tonight, Friday, June 12, at 8 p.m., at the Brookhaven Center. Sponsored by the BNL Music Club, the concert is open to the public. Visitors to the Lab 16 and older must bring a photo I.D.

Vignola's repertoire includes songs from Mozart to Black Sabbath as well as American popular songs, traditional jazz, bluegrass and contemporary tunes. He has recorded and toured with musical icons including Ringo Starr, Madonna, and Leon Redbone. Joining Vignola on stage will be local guitarist Vinny Raniolo. At the age of 23, Raniolo has already performed at local gigs and toured U.S. and the Caribbean Islands as lead guitarist of the Radio Disney band. — Jane Koropsak



Tickets are \$15 in advance at the BERA Store in Berkner Hall or www.ticketweb.com; and \$20 at the door of the show.

98 GRAND MARQUIS GS – 76.5K mi. blk, gray int, excel cond., v/clean w/maint. records. \$3,000. 363-2070.

97 ACURA 3.2TL – a/t, 6cyl, 4dr, p/s, p/w, p/l, p/seats, c/c, ice cold a/c, s/roof, keyless start, well maint. \$3,795. 344-5958.

95 BUICK CENTURY – 89K mi. 6 cyl,a/t, a/c, rad./cass, lthr, new belts/tires/tpipe/mflr, 26mpg, excel cond. \$2,250 neg. 766-7189.

HITCH COVER & LOCK – New 1 1/4" American Flag hitch cvr, \$10; 1 1/4" dead bolt hitch lock, like new. \$10.00. 467-2691.

Boats & Marine Supplies

39' SEARAY EXPRESS CRUISER – '87, Twin Crusader 350 hp, loaded. must sell. \$26,500 neg. 422-4804 or littletug@optonline.net.

37' SILVERTON CONVERTIBLE CRUISER – 1980 Twin Diesels, runs well, low hrs, updated, must sell. \$23,500 neg. 893-7587.

26' WELLCRAFT NOVA SPYDER – 87 w/twin 350 merc cruisers, good cond. w/ tandem trlr. \$6,100 neg. Bob, 235-9405.

23' SUNRUNNER 230SB – '84 mid-cabin fam. crusr slps 4 full galley aft/cabin full canv 225hp fwc volvo-penta. \$3,875. Robert, Ext. 4669 or hoogsteden@bnl.gov.

17' HOBIE CATAMARAN – gd cond, w/ trailer. \$1,700. Ext. 7657, 298-7821.

17' SAILSTAR EXPLORER – seat 6, fiberglass, mainsail/jib, centerbrd, 2.5hp motor, trailer. \$990 neg. Sanford, 286-1022.

BOAT SLIP – Jamesport, Peconic Bay, deep water, floating dock, boats up to 25', prkg at dock, no util, \$950/obo. 929-6189.

Furnishings & Appliances

ARMOIRE – French Country Style, Honey Alderwood, 39Wx78Hx19D, \$250. 878-9020 or sivertz@bnl.gov.

DIRECTOR'S CHAIRS – folding, w/folding side tables, new, sell both/\$50, heavy duty canvas fabric, Fred, Ext. 5319.

EXERCISE MACHINE – Cardio Cruiser by Jake, never used, \$125. Anita, 874-3606.

GRACO INFANT SWING – Winnie the Pooh, 5 swing spd setting, rarely used w/ clean, u-pic-up, ask/50/obo. 775-7891.

LARGE WICKER ARMOIRE – w/matching mirror/chair/garbage can, \$125 pix avail, u-pic-up. Ext. 3008 or ddaniels@bnl.gov.

LIVING ROOM SET – couch, love seat, chr, 2 end tbles, 2 lmps, thrw pillows, pix avail, u-pic-up, \$500. Ext. 3008, ddaniels@bnl.gov.

MICROWAVE CABINET – w/wheels:wood, 18" d 52.5" h 25" w, w/towel rack, drawer, storage, pic avail, \$65/obo. 591-1183.

PIANO – upright, Winter brand, needs tuning, can help move, reduced/\$300. Ext. 7235, 286-1018 or fitz@bnl.gov.

TV-VIDEO STORAGE CABINET – sturdy birch type wooden, w/sliding dr to hide tv, storage cabinets below 929-0596.

See Classified Ads on pg. 3

Ads omitted from Bulletin of 6/12/09

For Rent

NAPLES, FL – 2br, 2ba completely furn condo on golf course in gated golf community, avail thru 12/31/09. \$1,200/mo. Denice, 523-7870 or blade@bnl.gov.

CORAM – 2 bdrm apt,kit, l/r combo, full bath, grd flr, own ent, no smkg/pets, quiet area, util incl, cable sep, 1 mo + 1 sec. \$1,250/mo. Erika, ereyes@bnl.gov.

CORAM – 1rm studio, gd for 1, sep ent, quiet area, util. incl/cable sep, no smkg/pets, 1mo+1mo sec. \$650/mo. ereyes@bnl.gov.

EAST SETAUKET – 1 bdrm bsmt apt,full kit/bath/den, for single person, cable/util incl, own ent, no smkg/pets, unfurn, off 347,nr. shops. \$850/mo. John, 813-0910.

MASTIC – 1 bdrm, full kit & bath, den, own ent/ drwy, for 1 person, all incl, 1 mo sec, no smkg/pets. \$850/mo. joe mondi, Ext. 3499, 219-7241.

MASTIC – new 1 bdrm apt, kit. l/r combo, full bath, priv. ent, quiet, own th/stat, util. incl, nr LIRR, no smkg/pets, nr. shop, 7 min to Lab, 1 mo. sec. \$775/mo neg. 335-4907.

MEDFORD – 2 bdrm house,kit, l/r, full bath, grd flr, own en, quiet area, free TV cable/and wireless, 1 mo + 1 sec. Avail 7/1. \$1,400/mo. 730-8866, 347-901-1468.

MIDDLE ISLAND – v/priv apt, all appli, a/c, util/cable incl, 3mi to Lab. \$1,400/mo. Jim, Ext. 2765 or newburgh@bnl.gov.

ROCKY POINT – private house, 2 bdrm, lr, eik, full bath, partl storge b/ment, shed, large deck, new paint, carpets. Walk to stores, beach. \$1,295/mo. 758-4236.

ROCKY POINT – 1 bdrm upper unit, kit, bath, l/r, balcy, quiet co-op comm, nr stores, lndry rm on prem, prkg spot, no smkg/pets, cac, incl. gas/water. \$1,150/mo. 806-5965.

ROCKY POINT – 1 bdrm house, eik, lg l/r, .5 bsmt, oil heat, no smkg/pets, 15 mins. to BNL. \$1,100/mo. 744-8919.

SHIRLEY – 1rm studio fit for 1/furn/full bath/sep ent, cable, elect, a/ c, int/all incl/1mo sec/5min to stores, beach, LIRR,hways, 7 min Lab/no smkg/pets. \$650/mo. 804-8609.

SHIRLEY – 2 rms, shared kit & livng rm., \$750/incl all; reg. bdrm shared bath incl. all, 1 mo sec. \$600/mo. Ted, 395-3109.

SHIRLEY – lg 1 br bsmt apt, sep ent, v/priv, suitable for one, all incl., wifi/basic cable, nr. hwys/lirr/beach/BNL, 1 mo + 2sec, no smkg/pet. \$725/mo. Ext. 3846.

YAPHANK – priv. home/ent, fully furn studio for single, cable/int/ util incl, quiet area, no smkg/pets, 4 mi to Lab. \$750/mo. 516-205-6712.

POCONOS, PA – Time Share, 7/11-18/09, Tanglewood Resort, 2 bdrm, full kit, sleeps 6, many amentes, golf, lake, www.tanglwoodresorts.com. \$550/wk. 672-4141.

Free

BABY ITEMS – oak crib w/mattress and baby swing, like new. Cynthia, 703-6248.

FENCE – I have fence for patching, u pic up from my home, Medford. nrivera@bnl.gov. 344-8737 or vbri100@hotmail.com.

METAL SHED – beige 10’x8’, gd shape, u-pic-up in Manorville. shrey@bnl.gov.

METAL TABLE LEGS – for dining/kit, all you need is a top. Ext. 3884.

PHILLIPS 27 – w/remote, all in gd working cond, u-pic-up in Setauket. 834-0215.

SEARS TABLESAW – 10” w/stand, gd cond. Rich, Ext. 5319.