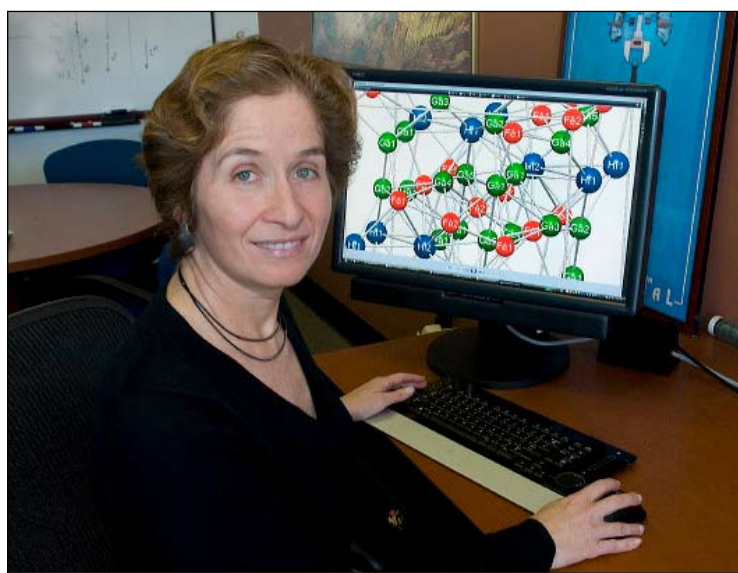


## SBU, BNL's Meigan Aronson To Receive \$4.25 Million For High-Temperature Superconductor Research

Meigan Aronson, a physicist at BNL and a professor in the Department of Physics and Astronomy at Stony Brook University, has been selected by the U.S. Department of Defense (DOD) to be one of 11 distinguished scientists and engineers forming the 2010 class of its National Security Science and Engineering Faculty Fellowship program. Aronson's sponsoring institution, Stony Brook University, will receive \$850,000 per year over a five-year period from DOD to fund her research on high-temperature superconductors, materials that conduct electricity without resistance.

The fellows were chosen from an initial pool of 800 nominees. They conduct basic research in core science and engineering disciplines that are expected to underpin future DOD technology development.

"I am pleased that this funding will allow me to work over an extended time on my project to design new superconductors," Aronson said. "I'm also gratified that I have top-notch scientific resources available at both Brookhaven Lab and Stony Brook University to pursue this research."



Roger Stoulenburgh D1200210

Superconductors are currently used in a range of electronic applications, notably in wireless communications. Replacing existing conventional electrical

conductors with superconducting cables would lead to more efficient transmission of electrical power and to lighter weight electrical motors that would operate with practically no loss in power. Superconductors provide unsurpassed sensitivity as detectors in applications such as medical imaging and homeland security. One of the most

important steps toward wide-scale adoption of superconducting technologies would be the discovery of new families of materials that are superconducting at room temperature. Then the bulky and energy-intensive cryogenic environments necessary for the current generation of superconductors would no longer be required.

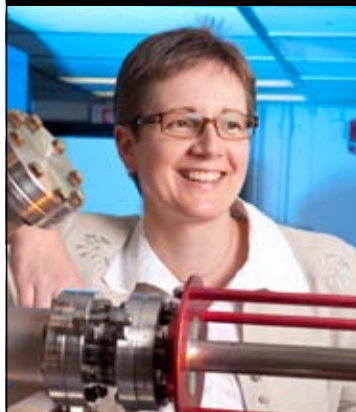
Aronson will use a new method to design high-temperature superconductors, called theory-assisted synthesis. She will work with theoretical and experimental collaborators from Rutgers University and the University of Michigan to determine the electronic behaviors of selected superconducting materials and will use this information to decide which ones might have the most potentially useful properties, and therefore, would be the best to fabricate. By modifying the combination of elements in the superconducting material, it will be possible to predict the compositions of new materials

that can be expected to have improved superconducting properties.

Meigan Aronson earned an A.B. in physics from Bryn Mawr College in 1980 and an M.S. and Ph.D., in 1982 and 1988, respectively, from the University of Illinois, Urbana-Champaign. She was a postdoctoral assistant at Los Alamos National Laboratory from 1987 to 1989. In 1990, she became an assistant professor of physics at the University of Michigan, and worked her way through the ranks to become a full professor in 2002. In 2004 she became the associate dean for natural sciences in the College of Literature, Science, and Arts at the University of Michigan. In 2007, she was jointly appointed as group leader of correlated electron materials in the Condensed Matter Physics and Materials Science Department at Brookhaven Lab and professor in the Department of Physics and Astronomy at Stony Brook University.

— Diane Greenberg

### Princeton's Gmachl Gives Laser Talk, 3/17



Claire Gmachl, Princeton University electrical engineering professor, will discuss "Engineering Light: Quantum Cascade Lasers," on Wednesday, March 17, at 4 p.m. in the Hamilton Seminar Room. Sponsored by Brookhaven Women in Science, the lecture is free and open to the public. Visitors to BNL of 16 and older must carry a photo I.D.

## Rita Goldstein of Medical Named New Member Of American College Of Neuropsychopharmacology

Rita Goldstein, a scientist in the Medical Department, has been named a member of the American College of Neuropsychopharmacology (ACNP). Founded in 1961, the ACNP is the nation's premier professional society in brain, behavior, and psychopharmacology research, which involves evaluation of the effects of natural and synthetic compounds upon the brain, mind, and human behavior.

ACNP members have shown investigative skill and have made worthy contributions to the field of neuropsychopharmacology.

Goldstein, a clinical psychologist who specializes in the neuropsychology and neuroimaging of drug addiction, said,



Joseph Rubino D200908

"I am honored to be accepted as an ACNP member, and I'm sure my interactions with other members will be rewarding

and productive. Currently, my research goal is to better understand how cocaine addiction affects brain function and be-

havior, which may lead to new modalities for the treatment of addiction. This research is important because drug addiction is a chronically relapsing and a highly prevalent disorder that has catastrophic consequences to the individual and society at large."

In 2002, Goldstein coauthored a paper published in the *American Journal of Psychiatry* that has since been cited nearly 450 times. The paper suggested that the brain's prefrontal cortex overvalues drug-related stimuli while undervaluing non-drug-related stimuli in those addicted to drugs. This change in evaluation is associated with an inability to control behavior. Together,...

See Goldstein on pg. 2

## BNL Hosted One Finalist, Seven Semifinalists in 2010 Intel Science Contest

Every year, 300 high school students are recognized as semifinalists in the Intel Science Talent Search for their outstanding scientific research. This year, seven of those semifinalists and one finalist completed their projects with the help of mentors from BNL and Stony Brook University (SBU), and access to the cutting-edge research facilities at BNL.

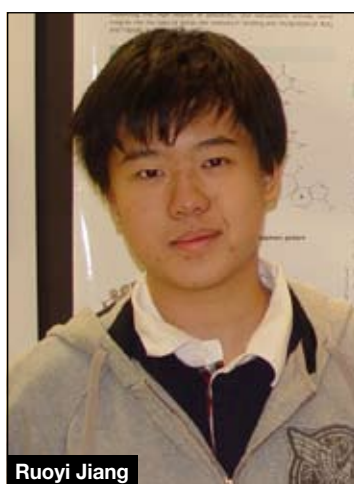
"Long Island's abundance of talented high school students who are exceptional in the sciences makes Brookhaven a focal point for excellence when it comes to research projects," said Ken White, manager of the Lab's Office of Educational Programs (OEP). "Eight out of 300 across the country exemplifies this."

So, congratulations to the seven semifinalists and their mentors — Daniel Bornstein, mentored by Alistair Rogers of BNL; John Dodaro, mentored

by Helio Takai of BNL; Ruoyi Jiang, mentored by Carlos Simmerling of SBU and BNL; Daniel Ryan Katz, by Roy Lacey of SBU and BNL; David Lawrence, by Peter Takacs of BNL; Andrew Li, also by Roy Lacey; Bernard Liu, by Lijuan Ruan of BNL; and Rashmi Rao, by SBU's Jean Honorio and Dimitris Samaras, and Rita Goldstein of BNL. And of course, best of luck to finalist Jiang at the Intel Science Talent Institute this March!

### Ruoyi Jiang

Ruoyi Jiang, a senior at Ward Melville High School and resident of East Setauket, has been named an Intel finalist for his work "Targeting Loop Dynamics in  $\beta$ I/ $\beta$ III Isotype Tubulin: The Application of *in silico* Techniques in Combating Chemotherapy Drug Resistance." Jiang worked with mentor Carlos Sim-



Ruoyi Jiang

merling, a professor of chemistry at SBU and guest scientist at BNL, and the Academy of Applied Science sponsored Jiang's research. Using the New York Blue supercomputer, which is located at BNL and used by BNL and SBU cooperatively, Jiang evaluated drugs that prevent cancer cells

### OEP's High School Research Program

Many high school students come to BNL through the Lab's Office of Educational Programs' (OEP) High School Research Program. This six-week course gives 11th and 12th grade students the opportunity to work with BNL scientists and participate in ongoing, important research and development programs. Their mentors consistently note the valuable contributions made by these young researchers. While being an Intel finalist or semifinalist is not the focus of their work, it does happen quite frequently for these high-caliber students.

Mentors interested in hosting high school students, or students interested in participating in BNL's High School Research Program should contact Scott Bronson, (631) 344-4385, [sbronson@bnl.gov](mailto:sbronson@bnl.gov).

from developing resistance to chemotherapy.

"I've never worked with a high school student who was able to incorporate aspects ranging from quantum physics to biology in a project," said Simmerling. "Ruoyi is very broadly talented."

In March, Jiang will compete for more than \$630,000 in

awards among 39 other Intel Science Talent Search finalists. Jiang has already been named the individual Grand Prize winner in the 2009 Siemens Competition in Math, Science & Technology.

### Daniel Bornstein

Daniel Bornstein was selected as an Intel semifinalist in part... See Intel Contest on pg. 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.
- Events flagged with an asterisk (\*) have an accompanying story in this week's Bulletin.

— REGULARLY —

**Weekdays: Free English for Speakers Of Other Languages Classes**  
Beginner, Intermed., Adv. classes, various times. All welcome. Learn English, make friends. See <http://www.bnl.gov/esol/schedule.asp> for schedule. Jen Lynch, Ext. 4894

**Mondays & Thursdays: Kickboxing**  
\$5 per class. Noon–1 p.m. in the gym. Pay as you go. Ext. 2873.

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

**Tuesdays: Zumba**  
Tuesdays, noon–1 p.m. Gym. Registration is required. Ext. 2873.

**Tuesdays: Knitting Class**  
2–4 p.m. Rec. Hall. All levels of skill. Free. Ext. 5090 for information.

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

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

**Tuesday & Thursday: Aqua Aerobics**  
5:30–6:30 p.m., Pool. Registration is required. Ext. 2873.

**Wednesdays: On-Site Play Group**  
10 a.m.–noon. Apartment area playground. Infant/toddler drop-in event. Parents meet while children play. Ext. 2873. See also <http://www.meetup.com/BNL-Playgroup/>

**Wednesdays: Ballroom Dance Class**  
Classes at 5:15, 6:15, and 7:15 p.m., based on experience. North Ballroom, B'haven Center. Donna Grabowski, Ext. 2720.

**Wednesdays: Yoga**  
Noon–1 p.m., B'haven Center. Free. Ila Campbell, Ext. 2206, [ila@bnl.gov](mailto: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. Tim Devine, Ext. 2350.

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

**Fridays: Family Swim Night**  
5–8 p.m. BNL Pool. \$5 per family. Ext. 2873.

**Fridays: Family Gym Night**  
5–8 p.m. Family gym activities. Free. Ext. 2873.

### Arrivals & Departures

— Arrivals —

Vladislav Ruchinsky..... NSLS II  
Anne Troutman .....Legal Office

— Departures —

John Fogus..... Maint. & Fab.

### In Memoriam

**Eddie Hobson**, who joined the Plant Engineering Division on January 20, 1969, as a custodian, died at the age of 74 on December 6, 2009. He had retired as a rigger on September 29, 1995.

**Daniel Van Rooyen**, who, on July 1, 1976, joined the Department of Applied Science as a metallurgist, and retired from the Department of Nuclear Energy on July 22, 1994, as a senior metallurgist, died on January 13, 2010. He was 84. From August 1994-98 he rejoined BNL as a guest researcher.

**Thomas White**, who joined the Alternating Gradient Synchrotron Department on January 2, 1962, as a junior technician and retired from the National Synchrotron Light Source on August 31, 2000, as a technical supervisor I, died at the age of 71 on January 27, 2010.

*Goldstein from pg. 1*  
...this Impaired Response Inhibition and Salience Attribution (I-RISA) model provides a rationale for compulsive drug use that continues even when the drug is no longer pleasurable or when leading to disastrous consequences. After this highly cited paper was published, Goldstein authored or coauthored numerous other well-cited manuscripts and book chapters, focusing on the role of the prefrontal cortex in the I-RISA model in addition.

Currently, Goldstein directs BNL's Neuropsychomaging Group, internationally recognized for its use of numerous medical imaging methods, such as functional magnetic resonance imaging and positron emission tomography, to explore the neurobiological basis of impaired cognitive and emotional functioning in drug addiction.

For more information, see [http://www.bnl.gov/today/story.asp?ITEM\\_NO=1609](http://www.bnl.gov/today/story.asp?ITEM_NO=1609)  
— Diane Greenberg

### LIANS Dinner Meeting, 3/18

At the next dinner meeting of the Long Island Chapter of the American Nuclear Society (LIANS), on Thursday, March 18, the invited speaker, David Schlyer of BNL's Medical Department, will talk on "Cyclotron Production and Processing of Short-lived Positron Emitting Radionuclides for Medical Imaging." The meeting will be held at South Shore Restaurant, 388 Medford Ave., Patchogue: complimentary appetizers/cash bar, 6 p.m.; dinner, 7 p.m.; Schlyer's talk, 8 p.m. \$25/person. To reserve, call Arnie Aronson, Ext. 2606, by Wednesday, March 17.

*Intel Contest from pg. 1*  
...for his work, titled "An Analysis of Photosynthesis in Poplar Inoculated with Endophytic Bacteria." A senior at John F. Kennedy High School and a resident of Merrick, Bornstein was mentored by Alistair Rogers of the Environmental Sciences Department during the summer of 2009. At BNL, Bornstein investigated how inoculating poplar trees with specific strains of bacteria can affect photosynthesis to improve the viability of poplar as an alternative fuel. His project was part of a BNL Laboratory Directed Research & Development project led by Niels van der Lelie of BNL's Biology Department.

"Daniel is an exceptional young man, who combined graduate-level thinking with high school enthusiasm," said Rogers.

**John Dodaro**  
John Dodaro's work, titled "Search and Identification of Cosmic Rays in Radar Echo," earned him a spot as an Intel semifinalist. A senior at Smithtown High East and resident of Saint James, Dodaro has spent his past two summer vacations at BNL with mentor Helio Takai of the Physics Department. He wrote software through which to filter large amounts of data to identify radar signals from ultra-high energy cosmic rays.

"John is exceptionally mature, responsible, and also very creative in his thinking," said Takai. "I might be biased because I was his mentor, but his work really was terrific."

## BWIS: Promoting Women, Advancing Science

To commemorate Women's History Month, this article is one of a series of profiles to be published in March on women who are active in Brookhaven Women in Science.

### Meet Kathy Walker

Kathy Walker's career at BNL began quite by accident. Her car broke down near the Lab, and she got help to fix it from the gas station on site at the time. After seeing the Lab site for the first time, she thought it might be a good place to work.

Almost 30 years later, after meeting the challenges of many varied jobs at the Lab, from patrol officer to security training specialist to her current job — administrator of BNL's Foreign Visits and Assignments Program — she knows she was right.

After graduating with an associate's degree in criminal justice from Suffolk County Community College in 1975, Walker joined Fairchild Republic as an administrative assistant to the manager of security and rose to become assistant industrial engineer in the Farmingdale-based company. In 1979, she became an information operator at the New York Telephone Company, and in 1981, she changed careers again, joining Brookhaven's Police Group as a security police officer. She was promoted to shift lieutenant

### BSA Noon Recital, 3/17: Violist Jennifer Stumm

Jennifer Stumm, hailed by *The Washington Post* for the beauty of her playing, has forged a unique musical path as a dynamic advocate for her instrument, the viola, which she spotlights with innovative programming and irrepressible enthusiasm. She will perform in Berkner Hall at noon on Wednesday, March 17. Sponsored by Brookhaven Science Associates, the concert is free and open to the public. All visitors to the Laboratory age 16 and older must bring a photo I.D.

**Daniel Ryan Katz**  
Daniel Ryan Katz of John L. Miller Great Neck North High School was chosen for his project, "Using the Transport Coefficient to Probe the Coupling of the Quark-Gluon Plasma Produced in Au + Au Collisions at the Relativistic Heavy Ion Collider." During the summer of 2009 and under the mentorship of Roy Lacey, a professor of chemistry at SBU and collaborator in the PHENIX experiment at BNL's Relativistic Heavy Ion Collider (RHIC), Katz analyzed PHENIX data to estimate how effectively plasma stops quarks and gluons from dispersing after gold ions collide at RHIC.

"Daniel has a good scientific background and learns quickly," said Lacey. "He worked diligently and systematically, and quickly developed a good understanding of how his specific project fits into the broader set of scientific questions being pursued at RHIC."

**David Lawrence**  
A senior at Comseogue High School, David Lawrence was named for his work titled "A Simple Method to Characterize Charge Diffusion in CCDs Using X-Ray Illumination." Lawrence began working with mentor Peter Takacs of the Instrumentation Division in the summer of 2008. He has also been developing programs in the PYTHON computer language for controlling a machine that measures the surface profile of silicon sensors being fabricated by Instrumentation



Joseph Rubino D2A92710

and security training specialist before taking on her current position in 2004.

Walker joined Brookhaven Women in Science (BWIS) in the late 1980s, and in 2006, she became a member of the BWIS Executive Board. She currently serves as BWIS Coordinator with Lynne Ecker.

"I've had an interest in women's issues for a long time," Walker said. "I feel women need someone to champion them, particularly in careers in which women are a minority. Although women have made advances in their status over the last several decades, we still have a long way to go. Women are still a distinct minority in many areas of science. They need to be encouraged and given opportunities to excel in nontraditional careers."

As BWIS Coordinator, Walker said she hopes to partner with more groups in organizing BWIS's events and activities. BWIS is also poised to start a new networking group for both men and women, to be offered during the lunch hour.

Walker is proud of BWIS's accomplishments, including the group's initiating the studies that led to the Child Development Center at BNL, the first to be built on a DOE site. As a single mother with two sons, Walker used the facility soon after it first opened.

Walker would like to remind everyone that BWIS both "promotes women and advances science," and everyone in the BNL community — men and women, scientists and nonscientists — is invited to join.

— Diane Greenberg

for the camera of the Large Synoptic Survey Telescope.

"David is a very quiet, modest, unassuming guy, and it has been a pleasure working with him," said Takacs. "His method is fast and quantitative and it allows us to extract much more useful information from camera calibration images than was previously possible."

**Andrew Li**  
Andrew Li of Ward Melville High School was selected for his project, titled "An Estimate of the Viscosity of the Quark-Gluon Plasma via Anisotropic Flow Measured in Au + Au Collisions at the Relativistic Heavy Ion Collider." Li was also mentored by SBU professor and PHENIX collaborator Roy Lacey during the summer of 2009. While working with Lacey, Li analyzed and used data from the PHENIX detector at RHIC in conjunction with a model to estimate the viscosity of particles emitted in gold ion collisions.

"Andrew quickly learned the basics of nuclear science, mastered the software relevant to his data analysis project, and over time, worked essentially independently to generate results and develop a good understanding of their meaning," said Lacey.

**Bernard Liu**  
Manhasset High School senior Bernard Liu was selected as an Intel semifinalist for his project, "A Possible New Approach to Positron Emission Tomography Using Time of Flight From Multi-Gap Resistive Plate Chambers to

Replace or Enhance the Use of Inorganic Crystals." Lijuan Ruan of the Physics Department has mentored Liu since the summer of 2009. Since then, Liu has assisted Ruan in developing prototypes of new, more efficient PET scanners collaborating with the University of Science and Technology of China and Tsinghua University in China.

"Bernard is quite creative and asks very good questions," said Ruan. "I hope to continue working with him after his official programs are completed."

**Rashmi Rao**  
Rashmi Rao, a senior at Ward Melville High School and resident of Stony Brook, was named for her project, titled "Pattern Classification of fMRI Data for Understanding Brain Activity in Drug Users." Rao was mentored by Jean Honorio and Dimitris Samaras from SBU's Computer Science Department and Rita Goldstein of BNL's Medical Department. Rao helped with experiments showing that the brain of a cocaine-addicted person functions significantly differently from a non-drug-user, when performing selected cognitive and emotional tasks. Using functional magnetic resonance imaging, a computerized method is being developed to predict whether or not a person is addicted to cocaine.

"Rashmi is hardworking, determined, motivated, and persistent," said Goldstein. "We hope to continue and optimize what she has worked on to apply it in clinical studies in the future."

— Joe Gettler





From left: John Amabile, manager of the Laboratory Protection Division, with new officers Erton Rudder, James Donohue, John Davies, Kreg Campagna, and Justin Merrow and BNL Police Group Captain Dave Peter

# Five New Police Officers Welcomed at BNL

At an afternoon ceremony on January 22, John Amabile, manager of the Laboratory Protection Division, presented police shields to five new officers, with friends and families looking on. The recruits recently completed the required U.S. Department of Energy Basic Security Police Officer Training under the guidance of BNL Police Group Captain Dave Peter. The recruits have now started their BNL-specific on-the-job training.

The five new officers are Kreg Campagna, John Davies, James Donohue, Justin Merrow, and Erton Rudder. They come from a variety of backgrounds, but all have previous law enforcement experience in the military or the New York City Police Department. In addition to completing rigorous textbook and physical training, the crew spent 100 hours at the shooting range firing handguns and submachine guns. Campagna earned the “Top Gun” award with near perfect scores in both categories.

At the end of the graduation ceremony, Campagna spoke on behalf of the recruits. “We want to thank everyone in the Laboratory Protection Division, the team of training officers and especially Captain Dave Peter,” he said. “The training we received here is second to none. We look forward to being part of the professional team of officers here at the Lab.”

Also attending the ceremony were VIPs from outside organizations, including Inspector Robert Oswald of the Suffolk County Police Department, members of the 106th Air National Guard Security Division, and the Director of Security of the Longwood School District.

Dave Peter concluded the ceremony with this comment: “In a world where it’s sometimes hard to be a gentleman, these five recruits have proven it is possible. We welcome them to our team.”

— Jane Koropsak

## Call for Proposals: Technology Maturation Funding

Deadline for receiving proposals: 4/15

BNL’s Office of Technology Commercialization & Partnerships (TCP) is soliciting proposals for the third annual competition for Technology Maturation (TM) awards that will begin in Fiscal Year 2010 (FY10). Funding for new TM projects is expected to begin this July. It is important to note that for FY10 there will be just a single call for proposals for TM funding. The purpose of the TM Program is to facilitate technology transfer from BNL to the private sector. TCP anticipates funding projects aimed at moving research from the “proof of concept” stage to a degree of development sufficient to support pilot-scale operations. The TM program will fund late-stage research that can be transferred to a partner at the end of the funding period. For more details, including the TM program review procedures and criteria, see: [http://www.bnl.gov/tcp/SponsoredResearch/tech\\_mature.asp](http://www.bnl.gov/tcp/SponsoredResearch/tech_mature.asp). For more information, contact the Office of Technology Commercialization and Partnerships, [oispr@bnl.gov](mailto:oispr@bnl.gov), Ext. 2634, or Ext. 4151.

## Hispanic Heritage Club Offers \$500 Scholarships

The BERA Hispanic Heritage Club is accepting applications for five \$500 scholarships for high school seniors. Applicants should: Be a high school senior graduating in 2010; have a minimum 3.0 cumulative GPA on a 4.0 scale (or equivalent); be accepted by a college for fall 2010 classes to pursue a degree in science or engineering; be a Long Island resident attending Bellport, Brentwood Union Free, Central Islip, Longwood, Patchogue-Medford, Riverhead, Sachem Central, or William Floyd High Schools; have some degree of Hispanic ancestry; and be a U.S. citizen or legal permanent resident with a valid permanent resident card. For more information, see [www.bnl.gov/bera/activities/hispanic](http://www.bnl.gov/bera/activities/hispanic), or contact Yvette Malavet-Blum, [malavet@bnl.gov](mailto:malavet@bnl.gov), Ext. 8900.

## TIAA-CREF One-on-One Retirement Counseling

A TIAA-CREF consultant will visit BNL on Thursday, March 18; Tuesday, March 30; and Wednesday, March 31 to answer employees’ questions about their financial matters. For an appointment, call 1-800-732-8353 or go to <http://www.tiaa-cref.org/bnl> and select “set up a meeting.”

## BERA Camera Club Meeting, 3/8

The BERA Camera Club will meet on Monday, March 8, in Bldg. 400’s Conference Room 2. This month’s shots are: recreate someone else’s photo, wintertime, “Toy Story” (make toys appear larger-than-life in your photo), and a free selection. For more information, e-mail Joe Gettler, [jgettler@bnl](mailto:jgettler@bnl).

## BNL Partners With Agencies To Place Job Shoppers

For many years, the Lab has hired “job shoppers” who work on a project on a temporary basis.

“This year we awarded eight new contracts to handle the placement of contract laborers,” said Chief Human Resources Officer Tony Bowman. “Hiring a job shopper can be an efficient and effective way for the Laboratory to get specific and specialized talent for the many projects under way. The shopper is the employee of the jobshop agency and not the Laboratory; it gives the Lab the flexibility to use the services for as long or as short a period as needed, making this a win-win for everyone.”

According to Program Coordinator Diana Hubert, the Lab has approximately 70 contract laborers in a variety of positions including scientists, environmental technicians, engineers, designers, drafters and facility support representatives. That number is expected to increase as the construction of the National Synchrotron Light Source II continues and construction of the Interdisciplinary Science Building begins.

### How it Works

Jobshop agencies are notified when a temporary position becomes available. They identify applicants, and the most suitable resumes are forwarded for an initial review, then forwarded to the hiring department which makes the final decision on who to interview and hire. Hubert then works with the agency on all details of the work arrangement. Job shoppers working more than 30 days on site are required by DOE Order to take an occupational physical exam. All shoppers are required to participate in general and safety training.

### The current Jobshop agencies are:

- Aerotek Inc, 631-756-8725
- Asgard (Talent Force), 631-471-8800
- Comforce Technical Services, 516-470-6996
- Contract Specialties Group, LTD, 631-475-7900
- Industrial Staffing Services, Inc., 631-846-6807
- National Resources Management, LLC, 865-675-4888
- Nesco Resource, 631-423-2600
- Weirich Consulting Services, Inc., 704-905-3646

For more information on the job shopper program, contact Diana Hubert, Ext. 7837, [hubertd@bnl.gov](mailto:hubertd@bnl.gov).

Note: BNL has a separate on-site clerical pool for temporary clerical jobs.

## AdoptaPlatoon Needs Lip Balm, More

AdoptaPlatoon is collecting new items for 40 men serving in the military in Afghanistan. Some items they could use are: lip balm (with or without sun block), corn starch powder, medicated powder, and baby wipes. Please place your donations in one of our collection boxes in Bldg. 490, Clinic; Bldg. 400, Lobby; Bldg. 488, Lobby; Bldg. 510, Library, by March 18. If you would rather send a check, please send it to Brookhaven Veterans Association “AdoptaPlatoon,” P.O. Box 671, Upton, NY 11973.

## BERA Updates

### March Mini-Camp

The BERA March Mini-Camp will be held for one week from March 29 to April 2. This five-day camp will cost \$185 and is limited to 50 children, ages six to 11, who have won the lottery to attend. The application is available on the BERA Website, the Recreation Office in Bldg. 400, or at Bldg. 461, the Gym. Applications are due today, March 5, and the lottery will take place on Monday, March 8.

### Summer Camp Expo

Regular July & August BERA Summer Camp applications will be available on March 11 at the Summer Camp Expo being held in Berkner Hall lobby, Bldg. 488, and on the BERA website after March 11.

### Trips Put New Spring in Your Step

**International Auto Show:** Saturday April 10, at the Javits Center, NYC. \$20 per person. Leave Brookhaven Center at 9 a.m., leave the show at 4:30 p.m.

**Atlantic City:** Saturday April 17, at the Showboat casino on the Boardwalk. \$25 per person, get \$25 in slotplay on arrival. Leave Brookhaven Center at 9 a.m., leave Atlantic City at 8 p.m.

**Brooklyn Botanic Garden:** Saturday May 1, for the Cherry Blossom/Hanami Festival. \$20 per person. Leave Brookhaven Center at 9 a.m., leave the gardens at 4:30 p.m.

## BERA Fitness Classes

Advanced registration is required for the Pilates\*, Aqua Aerobics, and Zumba 8-week sessions of fitness classes. Make checks payable to BERA and mail to the Recreation Office, Bldg. 400.

**Pilates:** Recreation Hall, Bldg. 317. \$65/once a week, \$80/twice a week. Fee is due by 3/8. \*NOTE: Another person is needed to take this course or it will have to be cancelled.

Mondays: 12:15 – 1:15 p.m.; Wednesdays, 5:30-6:30 p.m.

Mon: Mar. 15, 22, Apr. 5, 12, 19, 26, May 3 & 10 (no class 3/29)

Wed: Mar. 17, 24, Apr. 7, 14, 21, 28, May 5 & 12 (no class 33/31)

**Aqua Aerobics:** Tuesdays & Thursdays, 5:30 – 6:30 p.m. at the Pool, Bldg. 478, \$20/once a week, \$40/twice a week  
Tuesdays: Mar. 30 Apr. 6, 13, 20, 27, May 4, 11 & 18  
Thursdays: Mar. 25, Apr. 1, 8, 15, 22, 29, May 6 & 13

**Zumba:** \$80/once a week. Tuesdays, noon-1 p.m. at the gym, Bldg. 461. Mar. 16, 23, 30, Apr. 6, 13, 20, 27, May 4.

**Kickboxing:** Mondays & Thursday, noon in the gym, Bldg. 461, \$5/class. Call the Recreation Office, Ext. 2873.

**Aerobic Fitness:** Tuesdays & Thursdays, Recreation Hall, Bldg. 317, 5:515 p.m. 10 classes for \$40, or \$5/class. Contact Pat Flood, Ext. 7866 or [flood@bnl.gov](mailto:flood@bnl.gov).

## CALENDAR

### — WEEK OF 3/8 —

#### Thursday, 3/11

##### \*Summer Camp EXPO

11 a.m.-1:30 p.m. Berkner Hall lobby. Representatives from Long Island summer camps will talk about programs and Counselor-in-Training programs opportunities for teens, and provide registration forms. BERA Summer Camp information will also be available. See notice below.

### — WEEK OF 3/15 —

#### Wednesday, 3/17

##### \*BSA Noon Recital

Noon. Berkner Hall. Prize winner violinist Jennifer Stumm will perform. Sponsored by Brookhaven Science Associates, the company that manages BNL, the concert is free and open to the public. Visitors to the Lab of 16 and older must carry a photo I.D.

##### \*Claire Gmachl Gives Talk on Lasers

4 p.m. Hamilton Seminar Room, Bldg. 555. Claire Gmachl, Princeton University electrical engineering professor, will discuss “Engineering Light: Quantum Cascade Lasers.” All are welcome to this free event, sponsored by Brookhaven Women In Science. Visitors of 16 and older must carry a photo I.D. See pg. 1.

### — WEEK OF 3/22 —

#### Monday, 3/22

##### 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.

#### Friday, 3/26

##### \*Virginia Bluegrass Concert

8 p.m. Berkner Hall. “The Crooked Road” star performers and featured guests. See pg. 4.

#### Saturday, 3/27

##### \*Gypsy Jazz Concert

8 p.m. Berkner Hall. Frank Vignola and the Hot Club, and Bucky Pizzarelli. See pg. 4.

## Summer Camp EXPO, 3/11

At the Summer Camp EXPO on Thursday, March 11, 11 a.m.-1:30 p.m. in Berkner Hall Lobby, parents and grandparents may talk with Long Island summer camp directors and staff about available programs and Counselor-in-Training opportunities for teens. Some of the camps attending are: Baiting Hollow Camp, Baiting Hollow; BNL On-Site Summer Program; Brookhaven Country Day Camp, Yaphank; Brookhaven YMCA, Holtsville; Camp Paquatuck, Center Moriches; Girls Scouts of Suffolk County, Bayport; Harbor Country Day School, St. James; Hidden Pond Day Camp, Hauppauge; Hofstra Summer Camps, Hempstead; Ivy League Day Camp, Smithtown; Peconic Dunes Camp, Riverhead; and Raynor Country Day School, Westhampton.

## American Red Cross Lifeguard Training

Registration is open for the American Red Cross’s Lifeguard Training. Trainees must be at least 15 years old, pass a mandatory swimming pre-test on Sunday, March 21, 3–6 p.m., and attend every session: April 11, 18, and 25, and May 2, 9, and 16. Sessions will be held 2–6 p.m. at the pool in Bldg. 478. The course and certifications cost \$325/ person, including a \$50 non-refundable deposit. For more information and to register, call Heidi Jochen, (631) 921-6218.



## 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/](http://www.bnl.gov/HR/jobs/).

To apply for a position, go to [www.bnl.gov](http://www.bnl.gov). Select "Job Opportunities," then "Search Job List."

**OPEN RECRUITMENT – Opportunities for Lab employees and outside candidates.**

**RESEARCH ASSOCIATE – STRUCTURAL BIOLOGY (One-year term appointment)**  
Description: Candidate will develop and perform high-throughput spectroscopic screening of ligand-binding and structural characterization in ABC transporter proteins using infrared spectroscopy, UV circular dichroism spectroscopy, x-ray spectroscopy, small-angle x-ray scattering, and x-ray fluorescence microprobe at the NSLS. The goal of this study is to generate specific functional annotations for an important group of uncharacterized or incorrectly annotated transporter proteins. Qualifications Required: PhD in chemistry, biochemistry, biophysics, or related field; in-depth knowledge of spectroscopic characterization of proteins is essential, including experience with one or more of the following: x-ray absorption spectroscopy, Fourier transform infrared spectroscopy, small-angle x-ray scattering, and circular dichroism. A working knowledge of instrumentation and data analysis software is expected. Requires excellent written and oral communication skills. Qualifications Preferred: Experience with one or more of the following: automated sample handling equipment, robotics, genomics databases and laboratory information management systems (LIMS). Under the direction of Dr. Lisa Miller, National Synchrotron Light Source. BNL policy states that Research Associate appointments may be made to those who have received their doctoral degrees within the past five years. Apply to Job ID# 15224.

**APPLICATIONS ENGINEER (I-6, term appointment) - Requires a BS degree in computer science, information technology or a closely related field and minimum three years' experience developing software on a Microsoft platform. Must have excellent communication skills, strong problem solving ability, broad technical skills, and practical experience with Visual Basic, ASP, .Net, IIS, Oracle, ADO, COM, HTML, CSS, and JavaScript. Experience with Web Services, SharePoint and Visual Studio is desired. Prior experience as part of a medium or large sized software development team, ability to manipulate photos and create graphics to support business applications using standard utilities is also desired. Will be responsible for converting an existing system for use by the NASA Space Radiation Lab. Will design, code, test, support, and document a large-scale Web-based application and coordinate with management, support staff, technical personnel, and users through successful implementation. Will be expected to interface with other departments as required to complete the project. Adherence to strict deadlines will be essential. Collider-Accelerator Department. \*ERAP Eligible: \$1,000. Apply to Job ID #15223.**

**SR. HR REPRESENTATIVE (RECRUITMENT) (A-6, part-time 50 percent, term appointment) - Requires a bachelor's degree or equivalent experience, at least four years' experience in the recruitment of technical, engineering and information technology staff, excellent oral and written communication skills, knowledge of MS Word, Outlook and Excel; experience developing web-based recruitment strategies; and experience working with applicant tracking databases. Knowledge of PeopleSoft; innovative recruitment techniques, including experience locating passive job seekers highly desirable. Experience in the diversity/EEO field and SHRM/HR certifications are preferred. Responsibilities will include recruiting, interviewing and hiring non-exempt and exempt level employees, working with Lab staff to develop recruitment strategies, functioning as an internal consultant to Lab employees by providing information, guidance and interpretation of Lab policies, practices and procedures. Human Resources & Occupational Medicine Division. Apply to Job #15228.**

**SR. TECHNICAL SPECIALIST/TECHNICAL ASSOCIATE II (T-3/T-4) – Requires associates' degree in a related technical field or equivalent capabilities, plus six years of relevant work experience. Experience with basic hand tools, and the safe fabrication**

**of mechanical parts from mechanical drawings, hand drawings and through verbal communication within given tolerances required. Experience with the safe use of common machine shop equipment, ex. lath, milling, drilling, and cutting a must. Desired experience with ultra-high vacuum systems; acquiring and maintaining vacuum, leak checking, pumping systems, vacuum gauges, pneumatic systems, driers, solenoid valves and regulators, chilled water circulators and plumbing, safe use of an acetylene torch; and soldering. Will be involved in all aspects of mechanical systems used for running an electron accelerator. Typical activities are fabricating, testing, troubleshooting, and repairing mechanical, ultra-high vacuum, pneumatic, cryogenic and chilled water systems. Must have the ability to climb ladders, the physical ability to crawl under beam pipe and to work at times in a hot and/or cold environment. Will be placed at the T-3 or T-4 level dependent upon years of experience and depth and breadth of relevant knowledge and skills. Physics Department. Apply to Job ID #15210.**

**PRINCIPAL TECHNICIAN (TW-4)/TECHNICAL SPECIALIST (T-2) - Requires an A.A.S degree in Electrical Engineering Technology or equivalent experience, plus at least two years of relevant work experience. Will be part of a team responsible for maintaining and troubleshooting complex electronic systems such as power supplies and analog/digital electronics for the Alternating Gradient Synchrotron (AGS). Must be familiar with standard test and measurement equipment, such as function generators, oscilloscopes, multimeters, spectrum analyzers, etc. Must be able to build prototype circuits from schematic drawings and assemble electronic chassis, using basic mechanical fabrication techniques. Basic computer knowledge is desirable. Primary responsibility will be to operate and maintain the 95 MVA Pulsed Motor Generator for the AGS Main Magnet Power Supply and also operate and maintain the AGS Main Magnet Power Supply system. This position is a shift position for six to eight months out of the year during operation of the Relativistic Heavy Ion Collider. Must be self-motivated, able to work under minimum supervision and be available for after-hours call-in when required. Will be placed at the TW – 4 or T-2 level dependent upon years of experience and depth and breadth of relevant knowledge and skills. Collider Accelerator Department. \*ERAP Eligible: \$500. Apply to Job ID #15222.**

\*ERAP stands for Employee Referral Award Program. When a BNL employee refers a person for ERAP eligible career opportunities and that person is hired, the employee gets a referral award, either \$500 or \$1000, as reflected in the posted job description. All opportunities are listed at <http://www.bnl.gov/hr/careers/> and employees may also log on to view all ERAP-eligible positions and sign up for automatic alerts. For more information, contact Nancy Sobrito at [sobrito@bnl.gov](mailto:sobrito@bnl.gov).

### Motor Vehicles

**08 MERCEDES-BENZ C-300 SPORT SEDAN – 46.5K mi. V6-7 spd trans, P1 opt. heatd seats, rain sensv wipers, bluetooth & Satt; pwr seats, folding mirrors; auto dimming mrrors & headlamps. \$26,450 neg. Ext. 7443 or porqueddu@bnl.gov.**

**07 MAZDA 6 – 22K mi. silver gray, 4cyl, 5spd auto, a/c, alloys, 6-CD, am/fm, c/c, all pwr, lther steering wheel/stick, excel cond, gd gas mi. \$12,500 neg. Ext. 5351.**

**97 NISSAN ALTIMA – 169K mi. dk green, 5 spd, a/c, c/c, elec, windows, excel cond. \$1,400 neg. Tian Jin, Ext. 8023, 646-331-1686 or glowworm314@hotmail.com.**

**CORDURA SEAT COVERS FOR TACOMA – 95-00; black, excl cond, tough, washable, fr: 60/40 split back & seat, plus pull-out arm, headrests; rear xtracab; seat covers, backrest; new/\$300, now/\$150. Ext. 5195 or jcarter@bnl.gov.**

**DRAWTITE HITCH FOR TACOMA – for yrs 95.5-04; class IV max-frame receiver, frame attachmnt, no drilling; GTW:5000; 2x2" receiving tube; new/\$180; used once, now/\$125. Ext. 5195 or jcarter@bnl.gov.**

**SOFTOPPER FOR TACOMA – Model TN73 fup to '04, marine-grade black canvas, stainless frame, versatile, goes up/down in mins, weatherproof, no drilling, storage bag, \$325. Ext. 5195 or jcarter@bnl.gov.**

### Furnishings & Appliances

**FULL SIZED WOOD BED FRAME – 1930's full sized wood bed frame, Cherry veneer finish, could use refinishing, \$50. Regina, mash@bnl.gov.**

**3-PIECE COFFEE/END TABLE SET – like new, matching 3-pc set of solid oak carved details on the edges and turned legs, new/set cost >\$1k, selling/\$400. Phil, Ext. 5669 or harringt@bnl.gov.**

**CHILD BUNK/DESK BED – all wood, desk pull out bed lists/\$1,659, ask/\$600, for pix <http://www.eco-furniture.com/kids-furniture/palisades-west-all-in-one-loft-bunk-bed-488-23.php>. Ron, 379-0742 or rrje4019@msn.com.**

**HANDPAINTED BIRDHOUSE – NY Yankee's Bird House will add fav player # and more, hand painted glass/wood/metal items, pix's \$25-\$50. Ron, 379-0742 or rrje4019@msn.com.**

**KITCHEN TABLE – w/4 chairs, natural slat/w table-top w/gunmetal finish, 45"W x 45"D x 30"H, hardly used, great shape, \$450. Brenda, Ext. 4524.**

**MOVING SALE – Symphonic 21" TV, \$20; elect table fan, \$8; Ikea side table, \$3; Tier Free Standing Shelf, \$15; Samsung 2510 Laer Printer, \$10; full size Ikea bed, \$120; shelf units, \$8. Tian Jin, Ext. 8023, 646-331-1686 or glowworm314@hotmail.com.**

**STUDENT DESKS – 2, wood w/drawers/shelves, 24" x 48", gd cond, \$25/ea. Steve, Ext. 3822, 929-6527.**

**WALL MURALS – Any wall, any size, kids theme to l/r or den beach scene, see pixs, price to size and detail. Ron, 379-0742 or rrje4019@msn.com.**

### Audio, Video & Computers

**BLUERAY PLAYER – Brand new Sharp BD-HP17U in unopened box w/new HDMI cable. Sells new on Amazon for \$200, ask. \$150. 929-6467.**

**DENON DVD PLAYER – 1080i upconverting, super audio/DVD audio formats, excel cond, \$175. Artie, Ext. 5937.**

**PC GAME – Clive Barker's "Jericho", a horror themed shooter, great graphics, \$5. Ext. 3621.**

**PROJECTION SCREEN – 52", on wheels, in excel cond, 3 yrs old, to large for rm, ask/\$450. Ext. 7216, 445-4027 or minter@bnl.gov.**

### Sports, Hobbies & Pets

**ACOUSTIC GUITAR- IBANEZ AW40 – solid sitka spruce top, artwood series, mahogany back & sides, abalone & pearl inlays on rosewood fretboard. excel cond, plays excel, \$130. Scott, sbronson@bnl.gov.**

**AMP (GUITAR)- VOX DA15 – grt tone in a sm/portable practice amp, 11 different amp sounds, clean to high gain, 11 different digital effects too, more, excel cond, \$70. Scott, sbronson@bnl.gov.**

**BOWFLEX MOTIVATOR – w/leg extension & lat pulldown, excel cond, \$450. Dave, 902-5453.**

**HEAD SKIS 190'S – used only a few times, comes w/bag poles, size 10 boots, b/o. Rolf, Ext. 2305.**

**PILATES TOTAL WORKOUT MACHINE – brand new, still in box, \$250. Ext. 2280.**

**WESLO TREADMILL – \$75; Bowflex Motivator w/lat pulldown & leg extension, excel cond, \$450. David, Ext. 5460 or kirby@bnl.gov.**

**WETSUIT SET – Men's medium, barely used, never in saltwater, 1/4" thick, incl 2-pc suit, mask, boots, fins, photo avail, \$125. moloughlin@bnl.gov.**

### Miscellaneous

**BABY ITEMS – Evenflo Stroller w/car seat/base/\$50; Fisher-Price bouncer/\$10; infant play mat/\$5; walker/\$5; toys/free. s.horkil@hotmail.com.**

**JVC 52 – Pannel TV, brand new bulb, purchased 2.5 yrs ago, new cond, \$1100/ somewhat neg. Rachel, 516-972-2143 or rayrox23@aol.com.**

**ONE PLOT – w/2 graves and beautiful bronze plaque at Pinelawn Memorial Park, Garden of Freedom South, sacrifice \$3,500. 588-0677.**

**TREADMILL REDUCED \$ – proform crosswalk folding/space saver treadmill w/upper body arm workout, excel cond, reduced for quick sale, \$250. Jane, Ext. 2198, 909-7080 or lysik@bnl.gov.**

### Car Pool

**PLAINVIEW – established 3-person carpool meeting in Plainview looking for 4th person, 8 to 4:30. Ron, Ext. 6068.**

### Wanted

**HOCKEY PLAYERS – STILL Looking for players for friendly game. It will be ICE hockey. All skill levels welcome. Email me with yr pref. Joe, jcosentino@bnl.gov.**

**INVERSION TABLE – Trying to relieve back pain/problems without additional surgery and good inversion table was recommended. Ext. 7192.**

**MICROSOFT WORD 2007 TUTOR – Looking for tutoring with Word 2007. I'd like to learn how to format reports and do automatic tables of contents. 821-0767.**

**PRINCESS COSTUMES – to fit 13 and 16 yr olds. Donna, Ext. 2716, 878-2425 or storan@bnl.gov.**

### Lost & Found

**LOST EARRING – Sentimental value. Ext. 7192.**

### Real Estate For Rent

**CALVERTON – 2 brm (1,200 sqf) guest house in Btg Hollow, 1 bath, eik, huge l/r. Cent air. Use of swim pool. Easy access to Sound. Furn. or not. No smoking. Sec. Dep. \$1,200/ mo neg. Ext. 7502 or kistenev@bnl.gov.**

**CALVERTON – Btg Hollow 4 bdrm 3 bath basement (extra bdrm, bath, sauna etc), l/r, d/r, laundry, swim pool, lge property, furn or not, sec.dep., ref. \$2,200/mo neg. Ext. 7502 or kistenev@bnl.gov.**

**CALVERTON – 1 bdrm bsmt apt, sep ent, 10 mins to Lab. \$800/mo. 516-903-4783.**

**MASTIC – new furn 1 bdrm apt, kit, l/r combo, full bath, priv ent, quiet area, own therm, util incl, nr LIIR, no smkg/pets, walk to shop, 7 min to Lab one mo sec. \$775/mo neg. 335-4907.**

**MILLER PLACE – share lg furn Colonial house in prof. residential area, 8 mi to BNL, full kit, own bdrm. int/tv/heat/ac/incl, responsible non-smkr. \$675/mo. 744-8386.**

## Musical Takeover at BNL: Friday & Saturday, 3/26 & 27

Two magnificent concerts are in store at the Lab for late March — read details about them below. On Friday, March 26, Appalachian Mountain bluegrass folk music will take the stage — and on Saturday, March 27, wild gypsy jazz will take over: two deep-rooted, unique styles of American music, interpreted by acclaimed musicians at the peak of their skill. Don't miss either, come to both! And get your friends out from New York City and all around — bring them along. See you there.

## Traditional Country Music Arrives On Long Island via 'The Crooked Road' Virginia bluegrass musicians will perform, 3/26

The success of the Academy Award-winning film *O Brother, Where Art Thou* and its Grammy-winning soundtrack revived interest in the uniquely American folk music of the Appalachian Mountain region of southwestern Virginia. This traditional style of music is very much alive and well and, sponsored by BERA, BNL will host an evening of music and fun when musicians from Virginia's "Crooked Road" project perform at Berkner Hall on Friday, March 26, starting at 8 p.m.

The Crooked Road is an area within the Appalachians which has a rich musical heritage. Through "The Crooked Road: Virginia's Music Heritage Trail," a project founded in 2003, the tradition is being preserved.

Among musicians to perform

at BNL will be singer and bassist Linda Lay and her husband David on guitar. Their recent CD (with Sammy Shelor on banjo) *Taking the Crooked Road Home* is a collection of fascinating songs about life in the Virginia hills.

Also featured will be recording stars Jonny Clutch and the Jambusters. Discovered by John Lohman, official folklorist of the State of Virginia, Clutch was slicing roast beef and singing behind the counter of a corner deli when he was whisked off to the recording studio to make his recent hit album, *It Takes One to Know One* (CDBaby.com).

Tickets are \$15 in advance at the BERA Store in Berkner Hall and [www.ticketweb.com](http://www.ticketweb.com) and \$20 at the door. All visitors to the Lab 16 and older must bring a photo I.D. — Kay Cordtz

## Now We Hazz — Jazz! 3/27

### Guitar virtuoso Frank Vignola & the Hot Club With guitarist, banjo player 'Bucky' Pizzarelli

Berkner Hall will surge to life with wild, gypsy jazz music on Saturday, March 27, when guitar virtuoso Frank Vignola and the Hot Club perform the music of jazz legend Django Reinhardt. Joining Vignola on stage will be "Bucky" Pizzarelli, an American jazz guitarist and banjoist. Sponsored by the BNL Music Club, the concert, which starts at 8 p.m., is open to the public. Visitors to the Lab 16 and older must bring a photo I.D.

To celebrate the music by the legendary jazz musician Django Reinhardt, born 100 years ago, Vignola has assembled Frank Vignola's Hot Club with a top-notch quintet. Reinhardt led the well-known Quintet of the

Hot Club of France in the 1930s and 1940s.

*The New York Times* proclaimed, "Only a musician of the caliber of Frank Vignola could dare tackle the monumental task of honoring the centennial of the legendary Django Reinhardt."

Tickets for the show are \$25 in advance and \$30 the day of the show. Buy tickets at the BERA Store, through [www.ticketweb.com](http://www.ticketweb.com) or at the door. Advance ticket purchase is recommended.

For more information on Frank Vignola and to listen to audio clips go to: <http://www.frankvignola.com>.

— Jane Koropsak

### For Sale

**JAMESPORT – 3 level, 3,000' condo 3.5 baths, 3 zone baseboard heat, walk to beach, cent a/c & vacc, deck & patio, indoor hot tub, pool, tennis, w to w rugs, 2 car gar. \$785,000 neg. Carmine, Ext. 5101.**

**PATCHOGUE – 1 story, 2 beds, eik, d/r, hard wood flrs, full bsmt, 1 car gar, cac,igs, Lot 100X165, less 1 mi to Bay, train/stores, pic avail. \$300,000 neg. June, 516-457-5098 or RDC889@aol.com.**

**SHOREHAM – n of 25A, updated L-ranch, 5 bdrm, 3 baths, lg fam rm w/fp, eik, dn/ l/r, all wood flrs, fin bsmt w/2 bdrm, 1 full bath, summer kit, full windows, possibl m/d, igp, walk to priv beach, top SWR SD. \$389,000. Ilia, 518-506-3146 or li08house@gmail.com.**

**YAPHANK – Whispering Pine Att. condo. Model: Aspen, L/R, 2 BR, 1 Full Bath, 1 1/2 bath, Full Bsmnt, Wood Floors, fireplace, Oil HW, CAC, 2 beds, 1 Car Gar., Longwood Schools, Built 1986, mint cond. \$234,000. 345-9380.**

**YAPHANK – 2 bdrm, 1 bath, d/r, lge. l/r w/vaulted ceiling, hardwd flrs, updated kit & bath, bsmt, owner financing avail, taxes/\$2,800 w/star. \$185,000. 645-4359.**

### In Appreciation

I would like to thank all my friends and co-workers for their kindness and generosity during the passing of my mother Rose. From my family and me, may God Bless you all. — Robert Eger