

## Tarpinian Moves to Battelle



Roger Stoutenburgh D0010593

Jim Tarpinian, Assistant Laboratory Director (ALD) for Environment, Safety, Health, & Quality (ESH&Q), has been selected as Vice President, Corporate ESH&Q, for Battelle. Tarpinian's selection was announced in an April 17 memo from Carl Kohrt, President and Chair of Battelle and Vice-Chair of Brookhaven Science Associates.

"In his new role, Jim will oversee policy development and measurement of Battelle's environmental, safety, health and quality programs," said Kohrt. "He also will serve as a principal of the Battelle Operations Assurance Council and

be responsible for reviewing individual organizations' operational performance and assessing performance issues and corrective action plans."

Kohrt added that while a specific transition date had not yet been determined, Battelle would work with BNL Director Sam Aronson "to implement a smooth transition for Jim from BNL to Battelle that ensures we fully meet our client's expectations and maintain operational continuity for BNL."

"Jim's leadership over the past four years has helped BNL reach many important milestones in our effort to keep our workers safe, culminating in our recent registration to the OHSAS 18001 standard," said Director Aronson. "I look forward to continuing to work with Jim in his new role with Battelle."

According to Mike Bebon, Deputy Director for Operations, a search is under way for a candidate to fill the position by the time that Tarpinian leaves.

Jim Tarpinian joined BNL as ALD in 2003 after spending 23 years in various positions at the engineering firm Bechtel.

— Peter Genzer

## Benjamin Franklin Medal Awarded For SNO Neutrino Research

**BNL played active role in construction, operations**

Art McDonald of Queen's University, Ontario, Canada, and the international team of scientists from the Sudbury Neutrino Observatory (SNO) have won the 2007 Benjamin Franklin Medal in Physics, with co-winner Yoji Totsuka from the University of Tokyo and the Super-Kamiokande collaboration, for "the discovery that neutrinos change flavor and have mass." This event was marked by a neutrino awards symposium on April 25, in Philadelphia, and the medal was presented at a gala ceremony on April 26. The Franklin Institute Awards Program honors scientists, innovators, and entrepreneurs who have made extraordinary scientific achievements, benefited humanity, advanced science, launched new fields of inquiry and increased the understanding of the universe.

The SNO team includes 150-plus scientists from Queen's, Carleton, Larentian, and Oxford Universities; the Universities of Guelph, British Columbia, Pennsylvania, Washington, and Texas; TRIUMPH, Berkeley, Los Alamos, and Brookhaven National Laboratories, and LIP, Lisbon. BNL played a large role in SNO's construction and operation as part of a team that designed and monitored the unique underground heavy water solar-neutrino detector.

### Solar Neutrino Problem

The idea behind SNO's most notable achievement — proving that the type of neutrinos released from the sun can "disappear" as they travel to earth by switching into the other two known neutrino types — began with BNL chemist and Nobel Laureate Ray Davis Jr. in the early 1970s. In an experiment set up in a South Dakota gold mine, Davis found that only about one-third of the number of neutrinos predicted by theory could be detected on earth. In 2002, Davis was a co-winner of the Nobel Prize in Physics for this work, which also garnered him the 2003 Benjamin Franklin Medal. The "solar neutrino problem" of disappearing neutrinos gave birth to different experiments worldwide, including GALLEX, an international collaboration of scientists in Italy, in which BNL's participation, as at SNO, was led by Richard Hahn of the Chemistry Department.

### Problem Solved

The SNO team gained international recognition by proving that neutrinos released in the core of the sun change their "flavor," or type, as they travel to earth. About two-thirds of them change into two other types of neutrinos, not visible to earlier detectors used at other laboratories. R&D has begun, with participation of Hahn's BNL group, on reconfiguring the SNO detector into two new experiments aimed at studying neutrinos on a more precise level.

See also [www2.fi.edu/press/epk/awards/index.html](http://www2.fi.edu/press/epk/awards/index.html).

## At BNL's 2007 Earth Day Awards Ceremony DOE, BNL Award Environmental Efforts

DOE's Brookhaven Site Office Manager Michael Holland (right) presents George Goode, BNL's Environmental & Waste Management Services Division Manager, with a DOE Office of Science award to the Lab in recognition of successful environmental efforts.



Roger Stoutenburgh D1430407

At the annual Earth Day Awards Ceremony held in Berkner Hall on April 20 by the Lab's Environmental & Waste Management Services Division (EWMSD), Michael Holland, DOE's Brookhaven Site Office Manager presented three awards to BNL. And George Goode, EWMSD Manager, presented Lab awards to Joe Scaduto and John DeBoer, both of the Collider-Accelerator Department; Richard Jones, Plant Engineering Division; and Steven Stein, Quality Management Office; for their environmental stewardship.

One DOE award to BNL was the 2006 Office of Science Award for Best in Class for leadership and management through on-site reuse of concrete from demolition projects for new construction projects. This project resulted in the recycling of 5,500 tons of concrete in 2006 and savings of approximately \$700,000.

Another DOE award to the Lab was the 2006 Office of Science Award for Best in Class to recognize outstanding contributions and commitment to pollution prevention and environmental stewardship through animal bed-

ding composting. This project saves time and is cost-effective, with an estimated savings of approximately \$189,000.

In addition, Holland also presented BNL with the Office of Science 2006 Pollution Prevention & Environmental Stewardship Award, DOE Pollution Prevention Star Award, and Whitehouse Closing the Circle Environmental Stewardship Award in recognition of the Lab's efforts and "outstanding contribution and commitment to pollution prevention and environmental stewardship through expanding the envelope of the Laboratory's Environmental Management System through voluntary participation."

Among BNL's contributions: in 2006, the Lab had a reduction of 40 percent in mercury inventory; 90 percent in PCB inventory; 35 tons in ozone-depleting substances; 34 percent in atmospheric emission of radionuclides from the production of radiopharmaceuticals; the recovery of 42 acres for restoration as viable forest; and 101,400 pounds of electronics were recycled.

(continued on page 2)

## IBM BlueGene/L Supercomputer And Backup Power Supply Being Installed at BNL

On March 30, the new BNL/Stony Brook supercomputer, a 100-teraflop, IBM BlueGene/L machine, was delivered and installed by IBM in Bldg. 515. This New York State-funded supercomputer will be the centerpiece of the "New York Center for Computational Sciences" at BNL. Based on the needs of core faculty and scientists at Stony Brook University (SBU) and BNL, the center will foster the development of computational science in the region. The supercomputer, which is expected to come online over the next year, will provide world-class computing power for open research. Together with other New York research institutions — including Cornell University, Columbia University, New York University, Rensselaer Polytechnic Institute (RPI), and the State University of New York at Buffalo — BNL and

SBU are requesting state funding for operation of the new supercomputer and one of similar power at RPI. The new computer is expected to pass its benchmark tests later this month.

To provide reliable electric power for the BlueGene computer and for the RHIC and ATLAS Computing Facility systems that will be installed in Bldg. 515 over the next five years, a new uninterruptible power supply (UPS) is being installed outside the building. Unlike the lead-acid battery supplied UPS systems already operating in 515 and most other UPS supplies, the new system uses mechanical flywheels to

provide electric power for a 20-second period during which a 2.25 megawatt diesel generator begins to operate. The diesel can then continue to operate as long as needed until regular electric power is restored. The flywheel-generator system was chosen because it avoids safety and environmental hazards from the lead-acid batteries in a conventional UPS.

The huge new UPS and generator were delivered on Thursday, April 19. Once they are installed, they will help meet the Lab's need for a reliable electrical supply for scientific computing through 2012.

— Liz Seubert



Roger Stoutenburgh D1100407

A New York State-funded supercomputer, IBM BlueGene/L, is being installed in Bldg. 515.



Joseph Rubino D1220407

A huge, "green" power supply and generator is being installed outside Bldg. 515 as a backup to regular electrical power for BNL's scientific computing needs.



CALENDAR  
OF LABORATORY EVENTS

- The BERA Store in Berkner Hall is open weekdays from 9 a.m. to 3 p.m. For more information on BERA events, contact Andrea Dehler, Ext. 3347, or Christine Carter, Ext. 2873.
- Additional information for Hospitality Committee events may be found at the Lollipop House and the laundry in the apartment area.
- The Recreation Building #317 (Rec. Hall) is located in the apartment area.
- Contact names are provided for most events for more information.
- Events flagged with an asterisk (\*) have an accompanying story in this week's Bulletin.

— EACH WEEK —

Weekdays: Free English for Speakers Of Other Languages Classes

Beginner, Intermediate, Advanced classes. Various times. All are welcome. Learn English, make friends. See [www.bnl.gov/esol/schedule.html](http://www.bnl.gov/esol/schedule.html) for schedule. Jen Lynch, Ext. 4894.

**Mondays: BNL Social & Cultural Club**  
Noon-1 p.m., Brookhaven Center, South Room, free beginners dance lessons. Rudy Alforque, Ext. 4733, [alforque@bnl.gov](mailto:alforque@bnl.gov).

**Mondays: Pilates**  
12:15 & 5:15 p.m. Rec. Hall. Ext. 5090.

**Mondays: Jiu Jitsu Club**  
6-7:30 p.m. B'haven Center. All levels, ages 6 & up. \$10/class. Tom, Ext. 4556.

**Mondays & Thursdays: Kickboxing**  
\$5 per class. Noon-1 p.m. in the gym. Registration is required. Christine Carter, Ext. 5090.

**Mon., Tue. & Thu: Ving Tsun Kung Fu**  
Noon-1 p.m., B'haven Center, North Room. Taught by Master William Moy. Scott Bradley, Ext. 5745, [bradley@bnl.gov](mailto:bradley@bnl.gov).

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

**Tues. & Thurs: Jazzercise**  
Noon, Rec. Hall. Ext. 5090.

**Tuesday & Thursday: Aerobic Fitness**  
5:15 p.m., Rec. Hall. 10 classes for \$40 or \$5 per class. Pat Flood, Ext. 7866, [flood@bnl.gov](mailto:flood@bnl.gov).

**Tuesday & Thursday: Aqua Aerobics**  
5:15 p.m., Pool. Ext. 5090.

**Tuesdays: Welcome Coffee**  
10 a.m.-noon, apartment area gazebo. First Tuesday of every month is special for Lab newcomers and leaving guests. Lisa Yang, 979-3937.

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

**Tuesdays: Toastmasters**  
1st and 3rd Tuesday of each month, 5:30 p.m., Bldg. 463, Room 160. Guests, visitors always welcome. [www.bnl.gov/bera/activities/toastmstrs/](http://www.bnl.gov/bera/activities/toastmstrs/).

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

**Wednesdays: On-Site Play Group**  
10 a.m.-noon, Recreation Bldg. An infant/toddler drop-in event. Parents meet while children play. Petra Adams, 821-9238.

**Wednesdays: Ballroom Dance Class**  
B'haven Center, N. Ballroom. Instructor: Giny Rae. Arup Ghosh, Ext. 3974; Donna Grabowski, Ext. 2720; or Vinita Ghosh, Ext. 6226.

**Wednesdays: Weight Watchers**  
Noon-1 p.m. Michael Thorn, Ext. 8612.

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

**Wednesdays: Pilates**  
5:15 p.m., Rec Hall. Ext. 5090.

**Thursdays: Reiki Healing Class**  
Noon-1 p.m., Bldg. 211 Conference Rm. Nicole Bernholz, Ext. 2027.

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

**Fridays: BNL Social & Cultural Club**  
Noon-1 p.m., B'haven Center, South Room, free beginners dance lessons. 7-11:30 p.m. North Ballroom, Dance Social, workshops. Rudy Alforque, Ext. 4733, [alforque@bnl.gov](mailto:alforque@bnl.gov).

CIGNA: Tuesdays, Bldg. 400

A CIGNA Healthcare representative will be on site in Human Resources, Bldg. 400, on Tuesdays, to assist you with any claims issues that you have been unable to resolve yourself. Janice Petgrave will be available for 30-minute meetings, by appointment only, 10 a.m.-1 p.m. Bring all pertinent documentation to your meeting. To schedule, call Linda Rundlett, Benefits Office, Ext. 5126.

2006 Spotlight Awards



Roger Stoutenburgh D0380107

For extending extraordinary efforts in response to the needs of their departments or divisions, the following BNL employees, including those pictured above, were honored during fiscal year 2006 by Spotlight Awards. Winners have been listed under the names of departments or divisions in which they served at the time of their award.

**Basic Energy Sciences Directorate:** Mary Campbell; **Biology Department:** Craig Garafola, Denise Monteleone, and Yian Biao Zhang; **Budget Office:** Shantilata Subudhi; **Business Systems Division:** Chris Simeone; **Center for Functional Nanomaterials:** Pamela Ciufio and Judith Thompson; **Chemistry Department:** Jim Anselmini and Linda Sallustio; **Collider-Accelerator Department:** Glenn Anderson, Steven Bellavia, Henry Biedenkapp,

Steven Bubka, John Carlson, Matthew Ceglia, Phil Cerniglia, Tony Curcio, Joe DeCicco, Chris Degen, William DeJong, Lynanne DiFilippo, David Gassner, Justin Gullotta, Terence Higgins, Stephen Jao, Dave Kipp, Walter Lamar, Jonathan Laster, Dan Lehn, Al Mack, Daniel Martin, George Meade, Sigfried Naase, Christopher Naylor, Jennifer Niedziela, Bob Olsen, Charles Peters, Anna Petway, Al Ravenhall, Kenneth Riker, Pablo Rosas, Joe Saetta, Molly Scannell, Vincent Schoefer, Ron Schroeder, Bob Sikora, Charles Spataro, Chuck Trabocchi, Don Von Lintig, Charles Waide, Al Weston, Daniel Wilson, and Paul Ziminski; **Community, Education, Government & Public Affairs Directorate:** Scott Bronson, Kristen Depass, John Galvin, Peter Genzer, Gary Schroeder, and Karen McNulty Walsh; **Computational Science Division:** Claire Lamberti; **Condensed Matter Physics & Materials Science Department:** Al Langhorn and Alessandra Lopez; **Diversity Office:** Rosa Palmore; **Emergency Management Division:** Roy Barone, Charles LaSalla, and William Leigh-Manuell; **Energy, Environment, &**

**National Security Directorate:** Patricia Carr, Robert Doty, and Ellen Fredrickson; **Energy Sciences & Technology Department:** Yusuf Celebi and George Wei; **Environment, Safety, Health & Quality Directorate:** Maria Beckman; **Environmental & Waste Management Division:** Keith Klaus, Karen Ratel, Leo Palumbo, and Jason Remien; **Environmental Restoration Division:** Bruce Lein; **Environmental Sciences Department:** Mary Jane Bartholomew, Laurence Milian, and Sharon Zuhoski; **Finance Directorate:** Maria Ohlsen; **Fiscal Services Division:** Margaret Desmond; **Human Resources & Occupational Medicine Division:** Lee-sa Allen, Linda Di Pierro, Peter Esposito, Robyn Koebel, Mary McGrath, Starr Munson, and Michael Thorn; **Information Services Division:** Lee Akras, La Rosa Collins, Patricia Flood, Tiffany Minter, Betsy Schwartz, Lisa Willi, Madeline Windsor, and Corene Wood; **Information Technology Division:** James Fung, Chris Masullo, Daniel Orsatti, and Warlyn Reyes; **Instrumentation Division:** Mary Brathwaite; **Medical Department:** Maria Apelskog,

Kerry Bonti, Slawko Kurczak, and Amalia Ruggiero; **National Synchrotron Light Source Department:** Walter deBoer, David Harder, Mike Lehecka, Ed Losee, Philip Marino, Thomas McDonald, Paul Montanez, Charles Nielson, Mihai Radulescu, and Wayne Rambo; **Nonproliferation & National Security Department:** Susan Carlsen, Cheryl Christie, and Debra Pettit; **Nuclear & Particle Physics Directorate:** Kelly Guiffreda; **Physics Department:** Kenneth Asselta, J. Carter Biggs, Mariette Faulkner, Deborah Kerr, Philli Kuczewski, Jim LaBounty, Zhenping Liu, Danny Padrazo, Sabrina Parrish, Jason Smith, Brett Viren, and Yingzi Wu; **Plant Engineering Division:** Deborah Doyle, Alex Korol, Robert McKay, and Francis McNeill; **Quality Management Office:** Stasia Scocca; **Radiological Controls Division:** George Hughes and Patrick Sullivan; **Safeguards & Security Division:** Christine Bartow; **Safety & Health Services Division:** Ray Roberts and Firoza Zanon; **Staff Services Division:** Christine Carter; **Superconducting Magnet Division:** Scott Bell, Ray Ceruti and Andrew Marone.

At BNL's Earth Day Awards Ceremony, DOE, BNL Award Environmental Efforts

(cont'd)

Goode then presented BNL's three Environmental Stewardship Awards: a team award to Joe Scaduto and John DeBoer for their work in engineering the most effective approach to flushing over 100 cooling water systems at the Collider-Accelerator Department, thus greatly reducing the risks of spills or leaks; and an award to Richard Jones for supervising the operation of using a concrete crusher to process waste concrete, which was reused as road bedding

and for site preparation of the Research Support Building and the Center for Functional Nanomaterials. This effort saved Brookhaven approximately \$700,000. The third award was made to Steven Stein for consistently demonstrating environmental stewardship in his day-to-day routines.

Jim Tarpinian, Assistant Laboratory Director for Environment, Safety, Health & Quality, presented the awards for "Your Environment" posters to Beichen Liu,

Grade 4, of the Coram Elementary School; Eric Milton, Grade 5, of Dayton Avenue Elementary School; and Kimberly Cresser, Grade 4, of Ridge Elementary School. The goal of the contest was to raise student awareness about the importance of environmental stewardship. In addition to congratulating the art winners and all participants, Tarpinian particularly thanked the art teachers and parents for their support and encouragement.



Roger Stoutenburgh D1470407

George Goode and Steven Stein



Roger Stoutenburgh D1450407

George Goode with John DeBoer and Joe Scaduto



Roger Stoutenburgh D1460407

George Goode with Richard Jones

Alexis P. Suter Band in Concert at BNL, 5/11

"Fierce and fabulous," said *Living Blues Magazine* of Alexis P. Suter's debut CD called "Shuga Fix." Blues fans and anyone who has not tried blues but likes to start at the top — do not miss the Alexis P. Suter Band, starring blues vocalist Alexis P. Suter, accompanied by her five-member band, on Friday, May 11, at 6:30 p.m. in the Brookhaven Center.

Suter has toured internationally, and she has appeared at such famous blues clubs as B.B. King's in Manhattan. She also performs regularly at the Levon Helm Midnight Ramble in Woodstock, NY. She has been featured on radio and television, appearing with some of the best-known names in blues. She recently released a CD/DVD recorded live at the Midnight Ramble. Also, if you were lucky, you might have attended a fantastic evening early this year in downtown Blue Point Brewery, where, for four hours plus, the standing (no seats!) audience vibrated together to the cool-hot, stunningly exciting rhythm of Suter and her band.

Sponsored by the BNL Music Club, the concert is open to the public. All visitors to the Lab age 16 and over must bring a photo ID. Tickets cost \$10 each and can be purchased in advance at the BERA Store and at [www.ticketweb.com](http://www.ticketweb.com), or at the door on the evening of the show. Call Ext. 3846 for more information.



Alexis P. Suter

New Book Club, 5/15  
— Come, Discuss

Anyone interested in books and discussion is welcome to come to the first meeting of the ASAP Book Club, organized by members of the Association for Students & Postdocs (ASAP). The meeting will be held on Tuesday, May 15, at 6 p.m., when the first book to be discussed will be *Elizabeth Costello* by 2003 Nobel Prize winning author J.M. Coetzee. The location will be the ASAP lounge, either in Bldg. 750 or Bldg. 462, to be confirmed later. Tea and cookies will be provided. Email [bnash@bnl.gov](mailto:bnash@bnl.gov) or check out the blog at <http://bnlasapbooks.blogspot.com> for more information.



# Then & Now — Cutting Graphite for the BGRR

After reading an article in The Bulletin of February 9, 2007, on the August 1947 ground-breaking for the Brookhaven Graphite Research Reactor (BGRR), retiree Tyrell S. Wilson, Jr., sent in the following reminiscence:



In 1947, I applied for a machinist job with Liberty Motors in Bethpage, Long Island. I was told that the company was operating a machine shop in Brookhaven National Lab. They had openings, and Upton, where the Lab was sited, was very close to where I lived. I applied and got hired to work on the ‘pile’ — the new graphite reactor.

Security at the Lab was very stringent.\* The badges were color-coded, and you had to stay in your area and not wander around. Security checked you in, and at the end of the shift you were checked out. If you didn’t check out, they went looking for you. One time, the bolts on my car’s drive shaft loosened and the drive shaft dropped. Security found me and I had to call my father to come and tow the car home. We could not leave it on site.

The graphite was handled with cotton gloves because the oils in your hands could contaminate it. We had drums of cotton gloves to change when necessary. The graphite came in slabs of approximately 4 ft. by 8 ft. by about 6 inches, as I recall. The pieces were rough-cut to size on a band saw. They were then machined to size, using Simplex and Duplex and conventional milling machines. On our lunch hour, we would sit on the loading platform and watch the pouring of the base for the stack.

The work lasted one to two years, I think. At the termination of the job, we were told that we could stay on if the custodial foreman appeared. We couldn’t find him, so we left the site.

I returned about 16 years later in February 1965, when Republic Aviation, where I worked, was going out of business. I started as a Plant Maintenance custodian, then transferred to machine maintenance in Central Shops. In 1968, I moved again, to become a firefighter in the Fire Department, from which I retired in 1988 [as a Firefighter/Emergency Medical Technician].

— Tyrell S. Wilson, Jr.

Wilson told the Bulletin that a group photo of his graphite-cutting team used to be on the wall of the old reactor, Bldg. 701. The Bulletin investigated and with the aid of present 701 inhabitants — Kathy Schoenig and Frank Mitchell of Environmental Restoration Projects — found the photo and caption still stuck, frameless, halfway up the old concrete staircase, presumably after almost 60 years. Once scanned, the photo was returned and is now back in its place, where the Bulletin hopes it may stay for many years to come.

As a “now” postscript to this mainly “then” addition to the “Then & Now” series, Ralph Wilson of the Safety & Health Services Division brought in a current photo of his father, Tyrell Wilson (above), who is enjoying retirement in Medford.

— Liz Seubert



A May 1948 view of “the pile” as the Brookhaven Graphite Research Reactor was called.



\*A fascinating description of the political ins and outs of early security at the Lab and how it was eventually relaxed is found in Making Physics, the history of BNL’s first 25 years, by Robert Crease, now Chair of the Philosophy Department at Stony Brook University. The book is available at the BERA Store in Berkner Hall.

## May is Asian Pacific American Heritage Month BERA’s APAA Sponsors Lecture/Concert, 5/3



To celebrate Asian Pacific American Heritage Month, the BERA Asian Pacific American Association invites you to a lunchtime recital on Thursday, May 3, at noon in Berkner Hall, featuring excerpts from a lecture/concert about the lives and musical journeys of three women of Japanese ancestry. All are welcome to this free event, which is open to the public. Visitors to the Lab of 16 and older must carry a photo ID.

“I believe there is no better way than the arts to open the cultural, racial and economic chasms which abound,” says Nobuko Miyamoto, a songwriter, theater artist and Founder/Artistic Director of GREAT LEAP, a multicultural performing arts organization. A 2003 winner of the Ford Foundation’s “Leadership For A Changing World” award, Miyamoto brings people of diverse cultures together to share their stories and enrich culture.

At BNL, Miyamoto and her collaborators, PJ Hirabayashi, Creative Director and founding member of SAN JOSE TAIKO and Yoko Fjimoto, performing member and principal singer of KODO, the Japanese taiko ensemble from Sado Island, Japan, will use songs, rhythm and stories to express their lives as artists from Japan to three generations in America. The artists will also engage the audience in exercises designed to open personal boundaries, create trust and experience connectedness.

Their complete lecture/concert, which includes a workshop, will be performed that evening, May 3, at 7 p.m. at the Charles B. Wang Asian American Center at Stony Brook University, main theatre, entitled Triangle Project: “Journey of the Dandelion.” For more information, contact Susan Wong, Ext. 7988 or sge@bnl.gov.



## Arrivals & Departures

— Arrivals —	
Natalia Abreu .....	C-AD
Tiffany Gagnon .....	Prdtn. Svcs.
— Departures —	
Janelle Collins.....	Medical

## BNL Volunteers Needed for Special Olympics, 5/6 W. Floyd School to Host Games for 5-7-Year-Olds

On Sunday May 6, more than 1,000 young athletes will be converging on the grounds of the William Floyd School District in Mastic Beach to compete in the Special Olympics Regional Spring Games. To make the games extra special for the five-to-seven year-old special Olympians and their families, planners with the Special Olympics of New York and the William Floyd School District are hosting an Olympic Village. The Lab’s Volunteers in Partnership (VIP) group is one of more than 300 organizations that have volunteered to sponsor tables and activities for the Olympic Village. BNL volunteers are needed to man the table and to help out in other capacities at the games. If you are interested in volunteering at this special event, contact Jeff Williams, Ext. 5587.

### Take Weekly Ballroom Dance Lessons, 5/2-23

Two new four-week series of weekly ballroom dance lessons will start on Wednesday, May 2, ending after May 23. The first lesson, 6 -7 p.m., will be a review of East Coast swing and hustle. The second lesson, 7-8 p.m., will be Bolero. The fee for each four-week series is \$20/person. The lessons, which are sponsored by the BNL Ballroom Dance Club with instructor Giny Rae, are held in the Brookhaven Center North Ballroom. Lessons are open to BERA members with one guest permitted per member. For more information contact Arup Ghosh, Ext. 3974; Donna Grabowski, Ext. 2720; or Vinita Ghosh, Ext. 6226.

## Hear Ye, Retirees!

Your presence is hoped for at the BREA Annual Luncheon, 6/5

The Brookhaven Retired Employees Association (BREA) is looking forward to seeing as many retirees as possible at the BREA Luncheon Tuesday, June 5, at the Bellport Country Club. In addition to meeting old friends and savoring good food, attendees will be entertained by songs from popular singer Yvette Malavet-Blum (see The Bulletin, April 9, 2007). To attend, send a \$30 check made out to BREA, to BREA, P.O. Box 5000, Bldg. 475C, Upton, NY 11973-5000. For more information, phone 344-2707 or see www.brea.bnl.gov.

## Classified Ads (cont’d)

### On-Site Services

ENTERPRISE RENT-A-CAR - Stop by the on-site office at Bldg. 355, 50 Brookhaven Ave., to check weekend specials, daily rates. Or call Ext. 4888 or see www.enterprise.com.

ON-SITE SERVICE STATION - All vehicle services, NYS inspections, new batteries, tires, timing belts, repairs, etc., done while you are at work. Ext. 4034.

NAYYARSONS DINING at BROOKHAVEN CENTER - full menu dinners 5-8 p.m.; specials 5-6:30 p.m. 3-course, wine/soda, coffee, \$10.95 or \$9.95 (no take out); Weds. rib-eye steak, veg., Bud. \$11:95, all plus tax.

### In Appreciation

We sincerely thank my co-workers and friends for their support and kind words after the sudden passing of my husband and father. — Elizabeth & Raymond J. Raynis

## CALENDAR

### — THIS WEEKEND —

#### Friday, 4/27

\*‘Dance Social - Swingin’ Into Spring 7 p.m.-midnight. Brookhaven Center, North Ballroom. Bill Wilkinson & Orchestra live 8-11 p.m. Free dance lesson 7-8 p.m., digital DJ, 11 p.m.-midnight. Open to the public. Visitors of age 16 and over must bring a photo ID. Tickets, \$25 in adv. at BERA Store, \$35 at door. See page 4.

\*‘Pickin’ at the Berkner, Blues/Rock 8 p.m. Berkner Hall. “Pickin’ at the Berkner,” with Andy Aledort & the Groove Kings, the Todd Wolfe Band, and Mark Newman, a BNL Music Club event. Open to public. \$15. See www.bnl.gov/bnlweb/pubaf/pr/PR\_display.asp?prID=07-34 and also page 4.

#### Sunday, 4/29

Sam’s Club Open House 7-9 p.m. Sam’s Club on Horseblock Rd, Medford, will open for Lab community employees only. Store normally closes at 6 p.m. Refreshments will be offered, and family & friends will be welcome. Not a member? You can join that day \$40+ tax for 1 year; \$43.45 for 2 cards. Call Mary Ann, 447-0253, for more information.

### — WEEK OF 4/30 —

#### Tuesday, 5/1

\*‘Big-60’ Photo-op Noon. Police HQ field. All employees, retirees, facility-users, guests, contractors, and on-site residents: join in the giant human “BNL 60” living logo for a photo and video to be taken to commemorate BNL’s 60th anniversary. Free T-shirts for all participants, while supplies last. Rain date, May 3. See notice, page 4, and www.bnl.gov/60th/events/photo.asp .

### — WEEK OF 5/7 —

#### Friday, 5/11

\*Blues: Alexis P. Suter Band 6:30 p.m. Brookhaven Center. Tickets, \$10. See notice, page 2.

### — WEEK OF 5/14 —

#### Wednesday, 5/16

Brookhaven Lecture 4 p.m. Berkner Hall. Paul Frliley, Energy Sciences & Technology Department, will talk on hydrogen research.

### — WEEK OF 5/28 —

#### Wednesday, 5/30

BSA Distinguished Lecture 4 p.m. Berkner Hall. Lawrence Krauss, Case-Western University will present “Einstein’s Biggest Blunder? A Cosmic Mystery Story.”

Note: This calendar is updated continuously and will appear in the Bulletin whenever space permits. Submissions must be received by the preceding Friday at noon to appear in the following week’s Bulletin. Enter information for each event in the order listed above (date, event name, description, and cost) and send it to bulletin@bnl.gov. Write “Bulletin Calendar” in the subject line.





## Photo Op B-N-L 6-0

5/1 at Noon

On Tuesday, May 1, employees, retirees, guests, contractors and on-site residents are invited to take part at noon in a photo and video to celebrate the Lab's 60th anniversary (and get a free T-shirt while supplies last).

Come to the field beside Police Headquarters, Bldg. 50, to form a living B-N-L 6-0, similar to the B-N-L 5-0 created in 1997. Rain date, May 3. See also [www.bnl.gov/60th/events/photo.asp](http://www.bnl.gov/60th/events/photo.asp)



Roger Stoutenburgh CNY2-283-97

## Classified Advertisements

LABORATORY RECRUITMENT - Opportunities for Laboratory Employees

RM4262. ASSISTANT STAFF SPECIALIST (A-4, reposting) – Requires a bachelor's degree in criminal justice, English, business, history, information science or related field or equivalent experience. Master's degree preferred. Excellent oral and written communication skills, modern computer skills and familiarity with word processing, data bases, presentation, and e-mail applications required. Limited travel includes attending various conferences, workshops, and meetings. Must successfully complete a rigid background check to include a limited-scope polygraph examination concerning National Security issues. U.S. citizenship and the ability to obtain and maintain DOE “Q” and “SCI” Access Authorizations required. Candidates may be requested, as a pre-condition to an offer of employment, to submit to the above polygraph examination. Responsible for developing and conducting counterintelligence training and briefing programs. Regularly and independently, as a primary point of contact, responds to queries from internal and external sources. Responsible for handling classified documents, entering classified information in various secure data systems and generating reports. Will spend considerable time training and mentoring under the direction of the various SME's within the NCRO, to master the critical skills and knowledge necessary. This is an entry-level exempt position within the NCRO. Requires highly developed organizational skills, and includes responsibilities for planning, organizing, and coordinating all administrative activities of the Northeast Regional Counterintelligence Office (NCRO). Counterintelligence Office.

OPEN RECRUITMENT – Opportunities for Lab employees and outside candidates.

KH3851. POSTDOCTORAL RESEARCH ASSOCIATE - Requires a Ph.D. or equivalent in radiation biology, radiation chemistry, or other radiation science; background in biochemistry or molecular biology desirable, good communication skills and the ability to interact with all levels of staff. This position is for research on the biochemistry and biology of clustered DNA damages introduced in DNA by ionizing radiation. Work will involve measurement of induction and repair of clusters, including double strand breaks and complex damages not

containing strand breaks. May also include associated biological assays for radiation-induced damage, such as cell survival and neoplastic transformation. Principal measurement methods will include gel electrophoresis and other methodology for determining DNA damages, but research may also include cellular studies using fluorescence and other microscopy as well as use of cell sorting facilities principally at SUNY-Stony Brook. Experiments will involve use of X- and gamma-ray sources, as well as ions from the NASA Space Radiation Laboratory. Participation in laboratory research meetings, journal club, and departmental molecular biology journal club is required. Travel to collaborating institutions and to scientific meetings may also be involved. Under the direction of B. Sutherland. Biology Department.

KH4458. POSTDOCTORAL RESEARCH ASSOCIATE - Requires a person with Ph.D. in molecular biology and experience in cell biology wishing to participate in NIH and/or DOE sponsored research focusing on the clinical application of neuroimaging studies. Successful candidate will contribute to the human subject studies by conducting subject screening and evaluations, learning and assisting with research procedures, imaging data analyses, and manuscript preparations. Employment is contingent upon successful completion of a background check by the DEA (Drug Enforcement Agency). Under the direction of F. Henn. Medical Department.

WH4264. ASSISTANT LABORATORY DIRECTOR, ENVIRONMENT, SAFETY, AND HEALTH (M-5) - Reporting to the Laboratory Deputy Director of Operations provides leadership and oversight for the safe and environmentally sound operation of the Laboratory site. Directs the activities of and manages the Environment, Safety, and Health (ES&H) Directorate providing overall leadership, strategic direction, personnel development, technical support and oversight to ensure full implementation of all Directorate responsibilities, accomplishment of all Directorate objectives, and satisfaction of all Directorate customers. Serves as steward for the Lab-wide ES&H management systems and supports other Laboratory objectives. Participates as an active member of the key Laboratory councils and committees as assigned. Requires an advanced degree with significant and broad experience developing, managing and implementing environment, safety, and health programs in a research and development environment. Professional certification or registration is highly desired. Requires excellent interpersonal and communication skills and experience working with the Department of Energy and other regulatory agencies such as state, NRC, and OSHA. Director's Office. Resumes should be sent electronically to [hempfling@bnl.gov](mailto:hempfling@bnl.gov), or by regular mail to Bill Hempfling, Human Resources Division, Brookhaven National Laboratory, Bldg. 400B, POB 5000, Upton, NY 11973-5000, responding to Position No. WH 4264.

NS4107. PROJECT ENGINEER II - (P7) - Requires a bachelor's degree in mechanical engineering with a minimum of eight years' experience with large rotating equipment, lubricating and cooling systems, and pneumatic systems. A strong background in stress, thermal, and vibration analysis is required as is experience with conventional manufacturing techniques. CAD/CAE computer skills with ANSYS, Pro-E, Autodesk Inventor, or equivalent software are desirable and experience with MS Word, Excel, and Project are required. Excellent written and verbal communication skills are required to direct the effort of laboratory craft, technical, design, and procurement personnel. A desire to accomplish creative engineering and work as a team to develop and build unique equipment is required. Experience with piping design and piping stress analysis and familiarity with ASME Boiler and Pressure Vessel Code Section VIII and ASME B31.3 Piping Code is desirable. Responsibilities will include the operation, maintenance, and upgrade of existing equipment and for engineering, design, procurement, and fabrication of new equipment, including hands-on support during installation and maintenance. The successful candidate will be part of the team responsible for 9MW Motor Generator Sets, 1.6 MW helium screw compressors, and other specialized pieces of mechanical equipment that support the operation of the Relativistic Heavy Ion Collider (RHIC). Collider-Accelerator Department.

TM4305. PROJECT ENGINEER (P-7/P-9) - Requires an advanced degree or equivalent capabilities in electrical engineering or physics and ten (10) years' experience in the design and analysis of high power RF systems. The candidate must demonstrate expertise with system analysis tools such as Pspice, MatLAB or equivalent. Expertise with test and measurement equipment, in particular network and spectrum analyzers is required. Experience with klystron amplifiers and high voltage supplies is highly desirable. Excellent communication skills and the ability to develop detailed technical design and procedures are required. The NSLS-II RF group is responsible for the development of RF systems for a 3 GHz s-band linac, 500 MHz normal conduction cavity for booster synchrotron and superconducting cavity systems for the storage ring. The selected candidates' responsibilities include analysis, design and commissioning of a broad range of RF systems for the NSLS-II

complex including S-band linac, 500MHz normal super-conducting cavities powered from 80 - 300kW CW inductive-output-tube (IOT) and klystron amplifiers. The selected candidate will be required to work closely with the electrical and mechanical engineering groups in the integration of the RF systems into the accelerator complex. National Synchrotron Light Source-II.

TM4463. PROJECT ENGINEER (P-7/P-9) - Requires an advanced degree or equivalent capabilities in electrical engineering or physics and ten (10) years' experience in the design and analysis of high speed analog and digital electronics. The selected candidate must demonstrate expertise with design analysis tools and laboratory measurement techniques. Experience with the design of FPGA based signal processing and controls is highly desirable. Excellent communication skills and the ability to develop detailed technical design and procedures are required. The ideal candidate will have experience in the design of RF systems for particle accelerators including low noise RF sources and detectors, frequency up/down conversion and digital baseband signal processing. The candidate is expected to work closely with the accelerator physics and controls groups in the integration of the RF systems into the overall accelerator controls system. Supporting the NSLS-II RF group, the selected candidate is responsible for the development of RF systems for a 3GHz s-band linac, 500MHz normal conducting cavity for booster synchrotron and superconducting cavity systems for the storage ring. National Synchrotron Light Source-II.

TB3623. SCIENTIFIC ASSOCIATE III (P-3, term appointment, reposting) – Requires a master's degree in a relevant field such as engineering, international relations, international affairs, or political science and 3 years' experience in non-proliferation research, project management, nuclear physics, nuclear engineering, computer science, or information technology. Familiarity with nuclear fuel cycles and international safeguards, excellent written and oral communications skills and experience with MS Office project also required. Must be able to obtain and maintain a DOE security clearance. Will be responsible for monitoring USSF active tasks and evaluating task requests as they are received. Will also attend meetings of the Subgroup on Safeguards Technical Support (SSTS), contribute to meeting briefing packages, plan workshops, and respond to queries from SSTS, contractors, and IAEA in a timely fashion. Significant domestic and foreign travel is expected. Nonproliferation & National Security Department.

RM3624. ADMINISTRATIVE SECRETARY (A-2, ERAP ELIGIBLE) Requires formal secretarial or office administrative training or equivalent and a minimum of four (4) years' relevant experience. Position requires extensive processing of foreign and domestic travel for group members inside and outside the Laboratory and subcontractors. Knowledge of BNL's office procedures, processes, and tools, including PeopleSoft and the foreign and domestic travel systems desired. Must possess computer proficiency in web-based tools and Microsoft Office products such as Word, Excel, PowerPoint, Access and Outlook. Responsible for providing complex administrative secretarial functions for the Consolidation and Sustainability Group Leader and associated staff. Typical assignments may include presentation, report and correspondence preparation, scheduling appointments, invoice processing and invoice tracking. Must have the ability to work independently, work under pressure, balance priorities, and perform multiple tasks. Excellent verbal and written skills are essential. Must be able to exercise initiative and good judgment and function as a member of a team. Individual must be detailed oriented and possess strong organizational skills. Candidate must be a U.S. citizen and be able to obtain and maintain a DOE “Q” clearance. Nonproliferation & National Security Department.

DH4459. VETERINARY SERVICES ASSISTANT (CW-1) – Under direct supervision, performs tasks connected with the care, feeding, cleaning, treatment and bedding of laboratory animals. Performs general cleaning of quarters and similar duties as assigned. Entry qualifications typically consist of high school diploma or equivalent. Prior experience working with animals is desirable. Ability to lift 50 lb. feed bags and work week-end/holiday hours needed. Medical Department.

### Motor Vehicles & Supplies

04 JEEP WRANGLER - 6cyl.,a/t, 15" alum. wheels, a/c, 4wd, hard & soft top, 37,000 mi. VG cond. 37K mi. \$16,000. 929-6421.

03 HYUNDAI TIBURON - 6-spd man. trans, sports pkg., fully equipped, excel. cond. 30K mi. \$11,000. Ext. 5149 or 929-0961.

01 FORD TAURUS SES - red, 4 dr sedan, leather, many opts, excel. cond., well maint. 50K mi. \$6,999/neg. 476-0627.

98 FORD EXPEDITION XLT - 4WD, 5.4 liter, 3rd seat, leather, 6 CD, loaded, excel cond. KBB val \$8,570. 125K mi. \$7,300. Ext. 7294.

98 TOYOTA SIENNA XLE - 1 owner, no work needed. 120K mi. \$5,995. 495-7684.

95 HONDA CBR1000F - V&H exh, smoked shield, tank bra, new tires, batt, chain. vg cond. 24K mi. \$2,900. Rich, Ext. 7294.

## Three Great Blues/Rock Performers Will Be Pickin' at Berkner Tonight, 4/27

Compelling rhythm and exciting music await the Berkner Hall audience this evening as three featured performers: blues/rock guitarist Andy Aledort and the Groove Kings, the Todd Wolfe Band, and singer/songwriter/guitarist Mark Newman perform at “Pickin’ at the Berkner,” a concert which starts at 8 p.m. today, Friday, April 27. Sponsored by the BNL Music Club, the concert is open to the public. All visitors to the Lab age 16 and over must bring a photo ID. Buy tickets at \$15 each at the BERA Store or at the door this evening.

## Dance Social —Swing Into Spring Tonight, 4/27

Bill Wilkinson & Orchestra will play at a dance social in the Brookhaven Center tonight, Friday, April 27, 8-11 p.m., with a one-hour beginner dance lesson in East Coast Swing, 7-8 p.m., and dance music played by a Digital-DJ, 11-midnight. Sponsored by the BERA Social & Cultural Club, the event is open to the public. All visitors of age 16 and over must bring a photo ID. Tickets cost \$25 in advance at the BERA Store; \$35 at the door. Cost includes a cold hero buffet, cookies, refreshments, etc. ASAP members are offered a 50 percent discount. Contact Rudy Alforque, Ext. 4733 or [rudy@bnl.gov](mailto:rudy@bnl.gov).

94 FORD MUSTANG - 8cyl. compact cd player. ac. 2-dr black. 120 mi. \$1,600/neg. 286-3545.

91 MITSUBISHI ECLIPSE - v dependbale, new tranny, alt., tires. 104K mi. \$1,000/neg. Richard, Ext. 5319 or 835-8309.

90 HONDA LX COUPE - a/t, am/fm/cass, many new parts, runs v. well, orig. owner, dealer serv., best offer. 210K mi. 751-8403.

90 PLYMOUTH SUNDANCE - 4 dr, a/t, a/c, am/fm, good mechanical cond., well maint. 70K mi. \$800. 473-3604.

86 HARLEY DAVIDSON SPORTSTER - 1100 cc Evo, S&S carb., garaged, vg cond., pics avail. 5,100 mi. \$4,000/neg. 286-0654.

28 DODGE STD SIX - 4-dr sedan wood spoke whls. \$6,800. 886-1591 after 6 p.m.

### Boats & Marine Supplies

19' BOSTON WHALER NANTUCKET - 2003 cntr c/sole, leang post, 60 gal tank. 115 merc, pwr trim. \$21,500/neg. Ken, Ext. 3124.

25' MORGAN MORGAN 24 SAILBOAT - 1968 LOA 24'9", slps 5, 2 sets sails, 8HP E/ rude outbrd. Extras. \$2,000/neg. Ext. 5636.

14' STARCRAFT ALUM. BOAT - w/trailer no motor \$1,600. 886-1591 after 6 p.m.

OUTBOARD - Johnson, 100HP, 25" shaft, PT&T, Controls, Low hrs on rebuilt pwrhfd. Runs v. well. Will demo. 369-7809.

### Furnishings & Appliances

DEHUMIDIFIER - excel. cond. \$85. Joe, Ext. 3783 or 929-8321.

FREEZER - Sears Coldspot, large capacity, heavy duty, top loading, white, 4'x3'x2', exel cond. \$85. Rick, Ext. 3005.

KITCHEN ITEMS - Brand new dishwasher, older gas oven/stove, table, call for details. Peter, Ext. 4669 or 486-8199.

PIANO - upright, good cond., needs tuning, you move, must go, reduced to \$600. Lynda or Michael, Ext. 2877 or 286-1018.

REFRIGERATOR - Hotpoint side-by-side, 26.6 cu. ft., ice/water dispr, almond color, vg cond. \$150 obo. Ext. 2596 or 467-1947.

### Audio, Video & Computers

COMPUTER - Dell Dimension 4100, Win2K, 20GB, 3.5" floppy, CD, (2)16" monitors E770 CRT & Dell flat screen; MS Office. \$400. Mary, 929-3388.

DURABRAND IN DASH CAR STEREO - CD/MP3/CD-RW playback w/MP3 display, 45Wx4, \$100. 434-5824.

PIONEER CAR STEREO - 50W/ channel,CD-RW/MP3/WMA, like new \$180. Laura, Ext. 7842 or 631-434-5824.

TV VIDEOPHONE STATION - Vialta Beam-er, add video to your phone, must have 2 to use, new, \$138, ask \$85. 395-9610.

### Sports, Hobbies & Pets

FISH TANK - 30 galls, \$10. Ext. 4340.

KNEE/WRIST GUARDS - New, perfect for roller blading or other sports, size large (fits youth or adult)\$10. Ext. 4340.

LITTLE TYKES CUBE SLIDE - Good cond. \$20. John, Ext. 4028.

SALT WATER TANKS - 2-55 gal. w/ fish and 1-220 gal. w/fish & 150 gal sump, complete w/everything. Jim, Ext. 5993.

SALTWATER AQUARIUM SET-UP - 2-55gal and 1-220gal saltwater set-ups for sale. Jim, Ext. 5993 or 929-5945.

### Tools, House & Garden

LAWN MOWER - excel. cond. \$75. Joe, Ext. 3783.

LAWN MOWER - Craftsman, 6 HP, big wheel, 22" cut, gd. cond., \$75. 878-0898.

### Miscellaneous

DOLL CHAIR - For 18" American Girl dolls, Upholstered with wood accents, photo avail. \$20/neg. Ext. 4538.

HOOD RANGE - brand new, Broan 36" white. \$35. Patriche, Ext. 5561.

HOT TUB - Cal Spa, 7x7 ft., 40 jets, 7 pers, grt cond; New \$7,000; \$3,500. 929-1981.

SLOT MACHINE - Triple Triple Diamond (9x, 81x). Las Vegas casino slot mach. IGT. Accepts qtrs/bills. \$850. Ext. 3005.

### Yard & Garage Sales

PATCHOGUE - 237 Carman St. off Grove Ave.,9-3pm on 4/28 & 4/29, huge, Hess trucks, antiques, more. 758-2340.

YAPHANK - 482 Yaphank-Mdl Is Rd., 5/19 & 20, no reasonable offers refused, something for everyone. Ext. 4538.

### Happenings

GLUTEN-FREE FAIR - Vendor Fair & Conference, Sun., 4/29, at Farmingdale College, over 60 vendors, lectures, more. Michael, Ext. 8612.

LATIN DANCE - Eve of Cinco De Mayo, 5/4, at Brookhaven Center, \$20 in advance, \$35 at door, incl. cold buffet, etc. Hispanic Heritage Club, Ext. 5591.

### Free

DAY BED - old; used castro convertible, hi fi cabinet, u pick up. Hans, Ext. 5116.

### Wanted

FEMALE ROOMMATE TO SHARE HOME - 4 bdrm. in Wdng River, pvt. bdrm./bath, ac, gar., no pets, Michelle, 897-9984.

FIREPLACE INSERT. - Wood or gas. Sandra, Ext. 2922.

GOOD, CHEAP CAR - Honda, Toyota, etc. not big, good cond. Not over \$2,500, if poss. Eugenio, Ext. 2365 or 375-6341.

GRILL ATTENDANT - cook for cafeteria, part time, holidays & weekends, some experience required. Ext. 3541.

HOUSE TO RENT - close to Lab. \$1,200 or less, 1 to 3 bdrms. Ext. 5351.

HOUSE TO RENT - at least 2 bdrms needed, pref. close to Lab, \$1300/mo or less. Excellent tenants with refs!. Ext. 4538.

SINGERS - to sing at B/haven Vets Mem. Day/Camp Upton 90 Anniv. Ceremony w/ BNL Gospel Choir, 5/24 noon. Call Fran Ligon, Ext. 3709, Nancy Manning, Ext. 5744, by 5/5.

### For Rent

CENTER MORICHES - One bdrm,full bath. New rugs and paint. 20 min to Lab. Nice area. Inc Util.Eat in kitchen. \$800/mo. George, 325-2549.

CENTER MORICHES - 1 Bd Rm Apt, full bath,eat in kitchen. Large closet, 15 min to Lab.Nice area. can also have furnished. New paint &rugs. \$800/mo. 878-1178.

EAST SETAUKET - New 2-bdrm apt, priv ent, all util incl + cable, network. Furnished or unfurn, no pets no smoking \$1,000/mo. Ext. 7496 or 828-8509.

ROCKY POINT - 1- bdrm. apt., kit., l/r, bath, pvt. dr/way/ent., no smkg/pets, 1 mo. sec., utils not incl. \$850/mo. 821-3287.

ROCKY POINT - Fully legal 1 bdrm., full bath, eik, l/r, pvt. ent. & street pkg. Utils not incl (except water). \$1,000/mo. 821-0388.

WADING RIVER - 2/3 bdrm. ranch, 2 full baths, full bsmt., 1-car gar., shed, lg. yard, walk to pvt. beach, SWR schools, + util, refs req'd. \$1,750/mo. 886-1545.

### For Sale

FARMINGVILLE - Ranch-3 BR, 2 bath, l/r, d/r, Great Rm, Indry, EIK-New App, wd flrs, 2 1/2 car gar, CAC, IGS, IGP, alarm, more. \$525,000/neg. 516-906-3348.

MANHATTAN - Timeshare, any 7 days per year. Across from Carnegie Hall. Sleeps 4, 1 bath, kitchen. \$23,500 OBO. Gerhart Friedlander, 631-650-3222.

MASTIC BEACH - 3-bdrm., 1-bath ranch, new hrwd. flrs., new kit. w/ granite, Anderson wndws, full bsmt., new cobble-Ind dr, more. \$275,000. 516-449-1623.

MEDFORD - BlueRidge Condo devel., indr, outdr pools, tennis, golf, 3 bdrm.,1.5 bath,l/r,d/r,kit.,2-level deck, landscaped-[\\$329,900/neg. 696-4366.](http://www.forsal)

(continued on page 3)