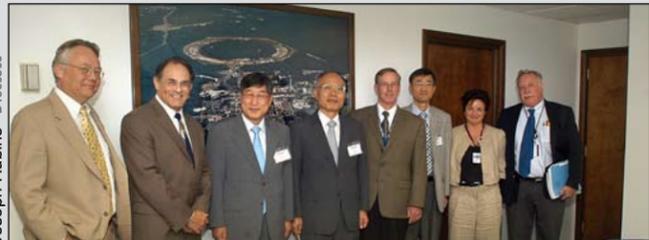


### Korea Science & Technology Visitors Meet With Brookhaven Scientists

On August 11, several officials from the Korea Institute of Science & Technology (KIST) visited BNL, including Dongwha Kum, the newly elected President of KIST, and Sang-Hee Suh, Director of the Center for Nanostructured Materials Technology. Lab Director Samuel Aronson and DOE's Brookhaven Site Office Manager Michael Holland, together with Associate Laboratory Director for Basic Energy Sciences Doon Gibbs, Biology Department Chair Carl Anderson, and the Medical Department's Helene Benveniste met with the KIST delegation to discuss future scientific collaboration as well as a KIST-BNL symposium, the third in a series, being organized for the fall at Brookhaven.



At a meeting of the Korea Institute of Science & Technology (KIST) and BNL held on August 11 are: (from left) Associate BNL Director for Basic Energy Sciences Doon Gibbs, BNL Director Samuel Aronson, KIST President Dongwha Kum, KIST Center for Nanostructured Materials Technology Director Sang Hee Suh, DOE Brookhaven Site Office Manager Michael Holland, BNL Medical Department's Helene Benveniste, KIST Department of International Cooperation Manager Hang Rae Park, and BNL Biology Department Chair Carl Anderson.

These symposia, initiated after a 2004 visit to BNL by then KIST President Youseung Kim, are designed to promote interactions and collaborations between KIST scientists and researchers in the life sciences and nano- and materials science at BNL. The first BNL-KIST symposium was held at BNL in the fall of 2004 and involved eight senior KIST Life Sciences Division scientists who met for two and a half days with senior BNL scientists. Several collaborations between BNL and KIST researchers resulted from this visit, and a Memorandum of Understanding to promote future cooperation and interactions was signed by both institutions. In October, 2005, KIST hosted a delegation of 10 scientists from BNL's Biology and Medical Departments and Center for Functional Nanomaterials during the second joint symposium. KIST has established similar relationships with 50 other institutions in 24 countries from the U.S. and Europe, including programs centered at Harvard University and the Massachusetts Institute of Technology. —Liz Seubert

## One-Two Particle Punch

### Poses Greater Risk For Astronauts

It does not just matter how much radiation an astronaut is exposed to — the time factor and the order in which charged particles strike human cells are important as well. That is the main finding of a study simulating radiation exposure conducted at BNL and published in *Radiation Research*, September 2006.

In the study, human cells were three times more likely to develop properties similar to those in the initial stages of cancer when they were exposed to two types of high-energy particles in a short period of time. The research was funded by the NASA Biomedical Research & Countermeasures Program, the National Space Biomedical Research Institute, the National Institutes of Health, and the Office of Biological & Environmental Research of DOE's Office of Science.

The radiation field in space contains high levels of high-energy protons and much lower levels of high atomic number, high-energy (HZE) particles such as iron and titanium.

"Most people studying the effects of space radiation have looked at the effects of just one type of particle, either the protons or the HZE particles," said the Biology Department's Betsy Sutherland, the paper's lead author, "This is one of the first studies to try to imitate real space radiation conditions closely, where, on average, a cell will be hit by a proton first and then by an HZE particle. We decided to examine what this does to human cells."

To test the effect of dual-particle irradiation, Sutherland and her team, co-authors Guangming Zhou, Paula Bennett, and Noelle Cutter of Biology, worked at the NASA Space Radiation Laboratory, a facility built at BNL specifically for space radiation studies. They first exposed normal human cells to a beam of protons. Then, anywhere from 2.5 minutes to 48 hours later, they exposed the cells to iron or titanium particles.

After allowing the cells to grow, the researchers counted the number of cells that survived to



Researchers (from left) Paula Bennett, Noelle Cutter, and Betsy Sutherland. Not pictured, Guangming Zhou.

form colonies and those that acquired the ability to grow without being affixed to a solid surface. This characteristic, known as anchorage-independent growth, is an early indicator that these cells might be on the pathway to cancer.

"There are a lot of animal-based systems for measuring the induction of cancer, but you can't just take human cells and treat them with radiation or chemicals and immediately get cancer cells," Sutherland said. "You have to do several treatments in order to get a real cancer cell. Some people study the end stages of this process, but we look at the very first step."

The research team found that the probability that cells undergo this initial transfor

(continued on page 2)

### Newsflash: In Memoriam

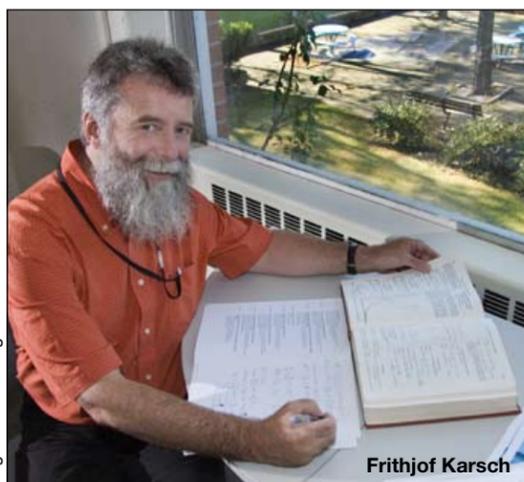
Melvin Schwartz, 1988 co-winner of the Nobel Prize in physics for the 1962 discovery of the muon neutrino at BNL's Alternating Gradient Synchrotron, died on August 28. See [www.bnl.gov/world/](http://www.bnl.gov/world/).

### Frithjof Karsch

Frithjof Karsch, a senior physicist in the Physics Department, was recommended for tenure for his major scientific contributions in theoretical physics and forefront research in lattice gauge theory (a way to calculate complex problems in physics using large-scale computer simulations on a four-dimensional lattice that represents space and time). He is widely recognized as one of the world's leading experts in using lattice gauge theory to study hot and dense matter under conditions relevant for understanding experimental results from BNL's Relativistic Heavy Ion Collider (RHIC). His publications have garnered over 8,900 citations, with 34 papers cited more than 50 times each and 23 more cited over 100 times.

Karsch earned his Ph.D. in physics from the University of Bielefeld, Germany, where he later became Professor for Theoretical Physics and Physics Department head. He joined BNL in February 2005 to establish and lead a new theory group to use BNL's large-scale computing capabilities for lattice gauge calculation in quantum chromodynamics (QCD) for thermodynamic systems at high temperature and density. QCD is the fundamental theory of the interactions of the strong force that holds together the quarks and gluons that make up much of the observable matter in the universe. Karsch is also one of the world's experts in the applications of statistical QCD to high-energy heavy ion collisions.

Said Sally Dawson, Physics Chair, "Frithjof's established role as a leading authority in the field of lattice gauge theory as applied to finite temperature physics is the perfect complement to RHIC's unique experimental capabilities. He has an outstanding track record of leadership and scientific accomplishment and his work has had immense impact on the field. He will further strengthen our world-class group here into the best lattice gauge theory effort in the world." —Liz Seubert



Frithjof Karsch

### Six BNL Scientists Awarded Tenure

Brookhaven Science Associates (BSA) granted tenure effective May 1 to six BNL scientists: Wolfram Fischer, Collider-Accelerator Department; Frithjof Karsch, Physics Department; Lisa Miller, National Synchrotron Light Source Department; Peter Steinberg, Chemistry Department; Daniel van der Lelie, Biology Department; and Vitaly Yakimenko, Physics. A description of the accomplishments of Fischer appeared in *The Bulletin* of July 25, 2006. This week's edition features Karsch and Miller.

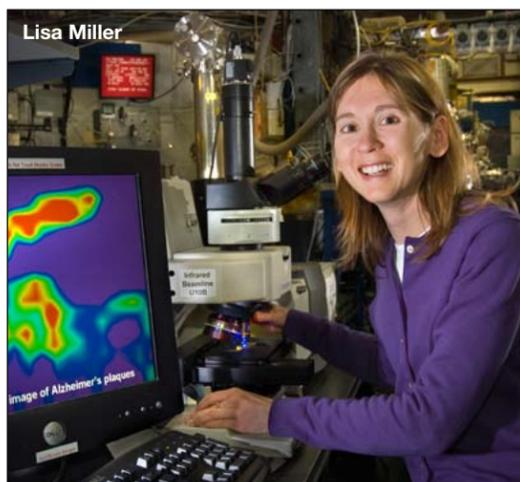
### Lisa Miller

Lisa Miller of the National Synchrotron Light Source Department (NSLS) has been awarded tenure for her outstanding research in the application of spectroscopic synchrotron imaging probes in the biomedical field, her leadership in building a new synchrotron user community, and her extensive outreach activities.

Miller earned her Ph.D. in biophysics from the Albert Einstein College of Medicine, where she is still a visiting assistant professor in the Department of Medicine. She joined the NSLS as an assistant biophysicist in 1999, rising to biophysicist by 2003. Since then, she has most fully developed her research in the areas of mineralization in bone and aberrant protein folding, which are of central importance respectively in osteoporosis and in neurological diseases such as Alzheimer's and scrapie. Concerning the scientific impact of her bone research, for example, she is recognized as having provided unique insights into the site-specific chemical composition of bone that are important for both industrial and academic researchers.

Said NSLS Chair Chi-Chang Kao, "Lisa has made major contributions to research in bone and protein-folding diseases and to the development of synchrotron-based biomedical imaging techniques. She is widely recognized for the creativity and originality of her work, which has resulted in a superb record of publications, invited talks, and funded proposals. The very active user program in biomedical imaging that she has developed at infrared beamline U10B is being emulated at other facilities. Her leadership, educational supervision, and outreach activities are outstanding, and she is truly a valuable member of the NSLS staff."

Miller was honored in 2002 with a DOE Outstanding Mentor Award and in 2005 by Brookhaven Town for outstanding contributions to science and the community. She is also an adjunct assistant professor in the Department of Biomedical Engineering at Stony Brook University. —Liz Seubert



Lisa Miller

Roger Stoulenburgh 02091016

**CALENDAR**  
OF LABORATORY EVENTS

- The BERA Store is in Berkner Hall, open weekdays, 9 a.m.-3 p.m. For more information on BERA events, call Andrea Dehler, Ext. 3347, or Christine Carter, Ext. 2873.
- More details 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.
- Calendar events flagged with an asterisk (\*) have an accompanying story in this issue.

— 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: CIGNA Rep On Site**

10 a.m.-3 p.m. CIGNA's Janice Petgrave is in Bldg. 185, to assist CIGNA medical plan participants with claims issues. Call Linda Rundlett, Ext. 5126, for 30-min. appointment.

**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 & Thursdays: Kickboxing**

\$5 per class. Noon-1 p.m. in the gym. Registration is required. Christine Carter, Ext. 5090.

**Mon., Thurs., & Fri.: Tai Chi**

Noon-1 p.m., Brookhaven Center North Rm. Adam Rusek, Ext. 5830, [rusek@bnl.gov](mailto:rusek@bnl.gov).

**Tuesday & Thursday: Aerobic Fitness**

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

**Tues., Thurs. & Fri: Ving Tsun Kung Fu**

Noon-1 p.m., Brookhaven Center, North Room. Taught by Master William Moy. Tuition. Scott Bradley, Ext. 5745 or [bradley@bnl.gov](mailto:bradley@bnl.gov).

**Tue., Thu. & Fri: Upton Nursery School**

On Summer Recess. Call Ext. 5090 for information on Sept. enrollment.

**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, North Room, Brookhaven Center. Come hear live music. Joe Vignola, Ext. 3846.

**Tuesdays: Jiu Jitsu Club**

6:30-7:30 p.m. Gym. All levels, ages 6 and above. \$10/class. Tom, Ext. 4556.

**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/toastmstr/](http://www.bnl.gov/bera/activities/toastmstr/).

**Tues., Wed. & Thurs: 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, apartment area gazebo. An infant/toddler drop-in event. Parents meet while children play. Fang Dong, 871-5362.

**Wednesdays: Market Day**

11:30 a.m.-1:30 p.m., Berkner Hall parking lot. Fresh vegetables, plants, arts & crafts, and more. Joanne Rula, Ext. 8481.

**Wednesdays: Ballroom Dance Class**

Brookhaven 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).

**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., Brookhaven 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).

**Meet CIGNA Rep., Mondays**

A CIGNA representative assists members on site, Mondays, 10 a.m.-3 p.m. See above.

**Help the Multiple Sclerosis Society: Join or Support Bike Tour of NYC, 10/15**

Volunteers are invited to join a team from BNL planning to participate in a bike tour for the Multiple Sclerosis Society of New York, with rides of 30, 45, 60, and 100 miles in and around Manhattan and New Jersey, to be held on Sunday, October 15. The Asymptotic Freedom Riders of BNL (see photo of last year's team, below) have been participating in this event for several years and welcome more riders. Team T-shirts and support will be provided by the BNL Volunteers In Partnership\* committee. If you yourself cannot join the riders, consider making a donation through the team to support the cause. Contact: Ofer Rind, [rind@bnl.gov](mailto:rind@bnl.gov), Ext. 6299.

\*Note: The BNL Volunteers in Partnership program helps to support employees' volunteer efforts. For more information, contact Barbara Blenn, Ext. 4458 or [blenn@bnl.gov](mailto:blenn@bnl.gov).



**One-Two Particle Punch Poses Greater Risk (cont'd)**

mation depends on the time interval between the cell's exposure to protons and HZE particles. When the cells received both irradiations within 2.5 minutes to one hour, they produced about three times more anchorage-independent colonies per survivor than expected from the sum of the effects of the two radiation exposures.

"If you hit cells in less than an hour with a little tickle of protons and, on average, one iron ion per cell, that's when you get the big increase in transformation," Sutherland said. "If this were to happen in space, a certain fraction of the astronaut's cells would have a higher risk of going along this initial path to cancer development."

The good news, Sutherland said, is that in real space, most of the charged particle hits do not occur that close together in time. Therefore, only a small part of the astronaut's cells

would have an increased risk of becoming cancerous.

The reason for the observed increase in anchorage independence in response to the one-two particle punch is not yet clear. The obvious effects — those related to survival or the cell cycle — turned out not to be the cause of increased transformation, Sutherland said. The team observed a further complication when the order of particle exposure was reversed; there was no increase in anchorage independence when the cells were hit with either an iron or titanium particle first, followed by protons.

"Now our challenge is to figure out exactly what is happening," Sutherland said, adding that the results of this study and projects like it help NASA assess the hazards of space travel. "If we're going to send people into space, it's our responsibility to tell them what their risks are and investigate ways to mitigate the danger." — Kendra Snyder

**Stock Inventory Ahead, 9/8-15 Plan to Fill Your Stock Needs in Good Time**

The time is fast approaching when the Procurement & Property Management (PPM) Division takes the annual physical inventory. This year, a full physical inventory of all items is planned.

PPM advises all departments and divisions that the PeopleSoft inventory module will be unavailable and the warehouses will be closed for normal stock withdrawals from the end of business on Friday, September 8, through Friday, September 15. Pick tickets submitted before noon on September 8 will be filled.

During this period, Mary Ellen Meier, Ext. 2979, will temporarily handle liquid nitrogen and helium requirements manually, and emergency stock requests should be directed to Ron Ondrovic, Ext. 4553, or George Dioguardo, Ext. 2597, pager 6300. PPM apologizes for any inconvenience this may cause.

**BREA-Sponsored Talk, 9/12 Identity Theft — Awareness, Prevention**

Identity theft is a serious issue that affects all ages, but many seniors especially are falling victim to identity theft. At noon on Tuesday, September 12, the Brookhaven Retired Employees Association (BREA) is hosting a talk, "Identity Theft — Awareness and Prevention," to be presented by Detective Sergeant Stephen Jensen of the Identify Theft Unit of the Suffolk County Police. This free talk will be held in Berkner Hall. All are welcome and encouraged to attend.

**One-on-One Retirement Counseling, 9/12, 20, 21**

A TIAA-CREF consultant will visit BNL on Tuesday, September 12; Wednesday, September 20; and Thursday, September 21, to answer employees' questions about financial matters. The consultant will help BNLers understand the importance of protecting assets against inflation, find the right allocation mix, learn about TIAA-CREF retirement income flexibility, and compare lifetime income vs. cash withdrawal options. For an appointment, call Arlene Lyons, (866) 842-2053, Ext. 4629.

**New Internal Communications Policy Launched at BNL**

*"Good internal communication is key to reaching our goals"*  
— Sam Aronson

Last year, a working group of 15 employees and facility users representing a cross-cut of the BNL population researched and developed a policy to define what is expected from each member of the Lab community in regard to internal communications and involvement. The group also revised an existing community involvement procedure to ensure that issues important to the internal community are identified and addressed as they arise. This policy and procedure are now officially part of the Lab's Standards-Based Management System, and can be found at [https://sbms.bnl.gov/sbmssearch/subjarea/36/36\\_SA.cfm?parentID=36](https://sbms.bnl.gov/sbmssearch/subjarea/36/36_SA.cfm?parentID=36).

"Good internal communication is key to reaching our goals, and the responsibility starts with me and extends to all BNL managers, supervisors, and their direct reports," said Lab Director Sam Aronson. "'Communication' is a two-way process: managers and supervisors should share information with their staffs, and employee ideas and concerns should be communicated to management. I encourage everyone to read this policy and take its messages to heart."

Key messages in the policy include:

- Openness in internal communication and the sharing of information are fundamental Laboratory values.
- Continuous two-way communications among employees and management help foster an environment where questions and concerns may be discussed and addressed informally and routinely.
- Employees share in the communications responsibility, and are expected to actively seek information necessary for the performance of their jobs, bring issues and concerns to the attention of their manager or supervisor, and make good use of existing communication mechanisms.
- Everyone at BNL has an important contribution to make toward the overall success of the Lab's mission. The Lab is committed to providing an atmosphere where all employees value each other and treat each other with respect.



**Ballroom Dance Lessons Begin 9/6**

Two new six-week sessions of weekly ballroom dance lessons, sponsored by the BNL Ballroom Dance Club and given by instructor Giny Rae at a cost of \$30 per person for each session will start on Wednesday, September 6. Beginner swing lessons will be held from 6 to 7 p.m. and intermediate bolero will be held from 7 to 8 p.m. at the North Ballroom of the Brookhaven Center. Lessons are open to all BNLers, and each BNLer may bring one guest. Prospective new members may attend the first two weeks on a trial basis for free and will be required to pay \$30 per person to continue through the rest of the series.

For more information, contact Arup Ghosh, Ext. 3974; Donna Grabowski, Ext. 2720; or Vinita Ghosh, Ext. 6226.

**ANS Meeting, 9/6**

At the next meeting of the Long Island Chapter of the American Nuclear Society, the speaker, Joanna Fowler, Director of BNL's Center for Translational Neuroimaging, will talk on "Imaging Addiction in the Human Brain."

The meeting will be held on Wednesday, September 6, at the Brick House Brewery and Restaurant, 67 W. Main Street, Patchogue. Appetizers will be served at 6 p.m., and dinner at 7 p.m. Fowler's talk will begin at 8 p.m. The cost is \$22 per person. Reserve by Tuesday, September 5, by calling Arnie Aronson, Ext. 2606, and leaving a voice message.

**Arrivals & Departures**

— Arrivals —

Yi Ding .....CFN  
Rick Morales..... HR/OMC

— Departures —

Alessandro Bravar ..... Physics  
Othniel Denis ..... Physics  
Craig Garafola.....Biology  
Debasish Roy.....Biology  
Harriet Vanslyke..... PPM  
Yinan Wei.....Biology

**Weight Watchers**

The next Weight Watchers 10-session series begins on Wednesday, September 6, at a cost of \$89 for 10 weeks, payable to Weight Watchers. For more information, contact Michael Thorn, Ext. 8612 or [mthorn@bnl.gov](mailto:mthorn@bnl.gov).

**BERA Luxury Coach Trips**

- Saturday, 9/9 - West Point Army Football Game vs. Kent State, 9 a.m. start, \$25.
- Saturday, 9/23 - Belmont Race Track, 10:30 a.m. start, \$40.
- Sunday, 9/24 - Nascar Races, 5 a.m. start, \$110.
- Saturday, 10/7 - Bear Mountain Oktoberfest, 8:30 a.m. start, \$10. Buy tickets at the BERA Store, Ext. 3347, weekdays, 9 a.m.-3 p.m.

## Feeling and Dealing With the Fuel Crunch

To save energy resources and prevent pollution, BNL has promoted "carpooling" or "ride-sharing" programs for many years — and this past May, BNL won a Long Island Commuter Choice Award. Given by the New York Metropolitan Transportation Council, the award recognizes companies that offer their employees environmentally friendly commuting options.

Jeff Williams of the Environmental & Waste Management Services Division heads the Lab's rideshare promotion efforts.

"The Lab currently offers two programs, LI Community Choice and NuRide, so that employees can choose the option that works best for them," Williams says. "Many benefits are the same in both programs, but there are some administrative differences that make one program more suitable for your own needs."

Both programs save money on gas, reduce wear and tear on the car, reduce pollution, and, on a larger scale, help the U.S. to become less energy dependent. "Of course, having someone to talk with during your commute is also enjoyable," Williams adds.

The two programs are:

### LI Community Choice

LI Community Choice is administered by LI Transportation Management (LITM). The Lab has



Michael Herbert D1430806

Seen with Conrad Foerster's GMC "Jimmy" truck, paid in part with the money he saved by carpooling, are BNL long-time carpoolers: (standing, from left), Artie Piper, Jeffrey Williams, and Joe Levesque; Foerster, in the driver's seat; and Kenneth Krasner, in the back seat.

been involved with the LITM program since June 2004. Employees can file an electronic application with LITM and within 10 days they will be informed of potential rideshare matches internal to the Lab's population. If no match is found, LITM will repeat the match process in 10 days. If you are registered with this program, LITM provides a guarantee ride service, which means if the driver has to leave early or stay late, or you have an emergency yourself, they guarantee you a taxi ride home at no out-of-pocket cost.

### NuRide

The NuRide program is very popular at the Lab, according to

Williams. This plan is extremely flexible and all ridesharing scheduling is done electronically. One of the incentives to join is the system of reward points based on shared miles. NuRide reward miles can be used for entertainment such as day trips to the Mystic Aquarium in Connecticut, tours of the Newport Mansions in Rhode Island, or at Stu Leonard's specialty supermarket. Reward vendors are updated frequently. The NuRide website also calculates how much money you save on gas and pollution prevention statistics based on your shared mileage.

Says Williams, "Some people

prefer the loose flexibility of this program and the idea that you can set up a 'buddy' system, which means you can select just one or two people to rideshare with."

### A Lab Ridesharer

Conrad Foerster in the National Synchrotron Light Source Department originally started carpooling 25 years ago to start saving money on gas and wear and tear on his car.

"My car had accumulated some mileage and I was trying to make it last as long as possible," says Foerster. "Once I began carpooling, I started putting the money I would have spent on gas and standard car maintenance in a bank account. In about five years I was able to use what I had saved as a substantial down payment on a new truck!"

Adds Williams, "Ridesharing is just one small deed that each of us can do that will make an impact on energy resources and our environment. I hope every employee will consider participating in this important program." — Jane Koropsak

For more information or to join a rideshare program go to: [www.bnl.gov/rideshare/default.asp](http://www.bnl.gov/rideshare/default.asp), or contact Jeff Williams, Ext. 5587, [jwilliams@bnl.gov](mailto:jwilliams@bnl.gov).

## Mary Lamont Sings Country, 9/16

In concert sponsored by BNL Music Club

Country singer Mary Lamont and her band will give a concert in Berkner Hall on Saturday, September 16, at 8 p.m. 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.

Born in Ontario, Canada, and now Long Island-based, Mary Lamont has been called "Queen of Long Island Country" by *Newsday* and the *Christian Science Monitor*. Lamont and her band have recently completed a tour of China, but they usually perform closer to home, at the Jones Beach Boardwalk Bandshell, the North Fork Theatre,

and the Inter-Media Art Center, among other venues. The New Jersey Country Music Association twice voted Lamont "Female Singer/Songwriter of the Year," and she has received several honors from the American Society of Composers, Authors and Publishers.

Tickets for the show cost \$15, and may be purchased through [www.ticketweb.com](http://www.ticketweb.com); at the BERA Store, weekdays, 9 a.m.-3 p.m.; or at the door on the evening of the performance.



## Bus Trip to Bryant Park, NYC, 9/17

All BNLers are invited to join the Hospitality Committee for a "do as you like" bus trip to Bryant Park in New York City on Sunday, September 17. Tickets cost \$10 for adults and \$5 for children age 2-12. The luxury bus leaves the Recreation Hall at 9 a.m. and will leave the City at 6 p.m. for the return. To make reservations, contact Jing Rochman, 891-9430.

### Coming Up: Two Pegram Lectures, 9/11, 12

On Monday and Tuesday, September 11 and 12, respectively, Neal Lane of Rice University will talk on "Confessions of a President's Science Advisor," and "The End of an Era — Science in a 'Flat World.'" Sponsored by BSA, both talks are at 4 p.m. in Berkner Hall, free and open to the public. Visitors of 16 and over must carry photo ID.

### Benefits Office Reminder

## Proof of Student Status

All medical/dental plan participants are reminded to submit an updated proof of student status to the Benefits Office, Bldg. 185, for the upcoming college semester. The Benefits Office will submit this to the insurance company on your behalf. To be eligible for benefits, children over age 19 must be unmarried, a full-time student attending an accredited college or university and primarily supported by you. Dependents who meet this criteria are covered until the end of the year age 23 is attained. You must notify the Benefits Office if you have dependents on your coverage that do not meet the above criteria. These dependents may be eligible for COBRA benefits. For more information, call the Benefits Office, Ext. 2877 or 5126.

## BSA Noon Recital Synergy Brass Ensemble, 9/6

The Synergy Quintet Brass Ensemble will give a concert on Wednesday, September 6, at noon in Berkner Hall. Sponsored by Brookhaven Science Associates, the company that manages Brookhaven Lab, the free concert is one of a series of noon concerts open to the public. All visitors to the Laboratory age 16 and over must bring

### 'Workaholism: The Pretty Addiction,' 9/12

Are you stressed out due to work? Do you love the adrenaline "high" of multi-tasking? Does your family complain that they do not see enough of you, or do they not remember what you look like? The Employee Assistance Program invites you to hear a talk on work addiction on Tuesday, September 12, from noon to 1 p.m. in Berkner Hall, Room B, where Nancy Losinno, BNL's Employee Assistance Program Manager, will discuss such topics as:

- Work addiction: attribute or albatross?
- Portrait of the work addict
- "Daddy's not home:" Growing up with a workaholic parent
- Learning to balance work & home

Check your mailbox for registration forms. Return completed forms to Linda DiPierro, Bldg 490, or [dipierro@bnl.gov](mailto:dipierro@bnl.gov).

### Money Management Classes, 9/18

Representatives from Teachers Federal Credit Union will talk to BNLers on how to use and manage checking accounts and general money management techniques, on Monday, September 18, at noon in the Recreation Hall. For more information about TFCU's on-site services, see [www.bnl.gov/visitorinfo/onsite\\_services.asp](http://www.bnl.gov/visitorinfo/onsite_services.asp).

### Family Picnic, 9/9

#### Cycletrons' Motorcycle Club

The Cycletrons, BNL's motorcycle club, in cooperation with the BNL Camping Club, invite all club members, their families, friends, and others who have an interest in motorcycles to their 10th annual biker Bar-B-Q and family picnic on Saturday, September 9, at noon at the gazebo by the softball fields. Tickets cost \$5 per adult and children 12 and under are free. Hamburgers, hot dogs, salads, and soda will be available as well as various games, a raffle and much more. To purchase tickets, contact Frank Dusek, Ext. 2022; Charles Gardner, Ext. 5214; or Bob Kiss, Ext. 4926.



But none of that has to stop your giving to the BNL FOOD DRIVE!

Please donate canned food in the Food Drive bins located in each building.

## CALENDAR

— WEEK OF 9/4 —

Monday, 9/4

### Labor Day Holiday. Lab Closed.

The Lab will be closed for the Labor Day Holiday. No Bulletin will be for this week on 9/8.

Wednesday, 9/6

### St. Joseph's College Demo

10 a.m.-2 p.m., Berkner Hall. Representatives from St. Joseph's College School of Adult and Professional Education will present BNLers with information on their educational programs. Lucille Curley, 477-3252.

### \*BSA Noon Recital

Noon. Berkner Hall. The Synergy Brass Ensemble will perform. All are welcome to this free concert, sponsored by BSA. Visitors to the Lab of 16 and over must carry a photo ID.

Thursday, 9/7

### \*Blood Drive — Help L.I. Supply

9:30 a.m.-3 p.m. Brookhaven Center. Blood drive to replenish Long Island's dwindling supply. Make an appointment at [www.bnl.gov/HR](http://www.bnl.gov/HR), or call Ext. 2888 or Ext. 2315. See page 4.

Friday, 9/8

### Dance Social, Tommy James Band

7 p.m.-midnight. Brookhaven Center. Live big band, "Tommy Jones & the All-Stars." \$20 admission includes cold buffet, cookies, coffee, and one-hour Lindy lesson starting at 7 p.m. Band performs from 8:30 p.m. Ballroom, Latin DJ music between sets.

Saturday, 9/9

### \*West Point Army Football Trip

9 a.m. BERA trip, \$25. Buy tickets at the BERA Store.

### \*Cycletrons Family Picnic

Noon. Gazebo at ballfield. With BNL Camping Club. 10th annual biker Bar-B-Que family picnic. See notice, below, left.

— WEEK OF 9/11 —

Monday, 9/11

### \*Pegram Lecture - First of Two

4 p.m. Berkner Hall. Neal Lane, Rice University, talk on "Confessions of a President's Science Advisor." See notice, left.

Tuesday, 9/12

### \*Pegram Lecture - Second of Two

4 p.m. Berkner Hall. Neal Lane on "The End of an Era — Science in a 'Flat World.'" See notice, left.

Thursday, 9/14

### CAC Meeting

6:30 p.m., Berkner Hall, Room B. The Community Advisory Council consists of business, civic, education, employee, environment and health organizations. Members meet monthly, set their own agenda, and work to reach consensus recommendations on issues of concern to them. The CAC meets on the second Thursday of each month. BNLers and members of the public are welcome to attend. Each meeting has a comment period during which community members may voice their opinions and concerns. Sherry Johnson, Ext. 5658.

— WEEK OF 9/18 —

Wednesday, 9/20

### Brookhaven Lecture

4 p.m. Berkner Hall. Huilin Li, Biology Department, will talk on protein machines that break down proteins. All are welcome to this free talk. Visitors to the Lab of 16 and over must carry photo ID.

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](mailto:bulletin@bnl.gov). Write "Bulletin Calendar" in the subject line.

## 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/).

### LABORATORY RECRUITMENT - Opportunities for Laboratory employees

**MK3791. STORESKEEPER** - Responsible for the operation of a subdivision of the central Laboratory stores facilities. Reviews, assigns, and checks work of personnel for operational purposes. Procurement & Property Management Division.

### OPEN RECRUITMENT - Opportunities for Lab employees and outside candidates

**NS3917. POLICE CHIEF (T-7)** - Requires a bachelor's degree in an area relevant to the position or equivalent and a minimum of ten years' progressively responsible related work experience in the armed forces security, military police, or major law enforcement agency in the public or private sector. Requires extensive background managing security operations, including significant experience supervising large numbers of unionized personnel. Knowledge of tactics, emergency procedures, training techniques, and weapons is required. Strong communication skills; both oral and written is essential. Familiarity with DOE policy and directives is highly desirable. Requires the ability to obtain/maintain a DOE Q clearance, and meet all DOE physical fitness, training, certifications, and weapons qualification requirements. Responsible for supervising the daily operations of the Police Group which provides community oriented policing and security to Brookhaven National Laboratory (BNL). Will be responsible for all police training. This position reports to the Manager, Safeguards and Security and directly supervises Police Captains, Police Lieutenants, and a Training Lieutenant. Working through police supervision, deploys professional Security Police Officers (SPOs) to accomplish all responsibilities of security at BNL. Safeguards & Security Division.

**NS3792. SR. CONTRACTS SPECIALIST (A-8)** - Requires a bachelor's degree in

business administration or equivalent, ten years' related experience, excellent written and oral communication skills and a customer service orientation. Must be well versed in all aspects of procurement in a government contract environment including drafting RFPs, proposal evaluation, cost and price analysis, negotiation, drafting of contracts and modifications and contract administration. Knowledge of Federal Acquisition Regulation in particular for cost type and fixed price contracts and experience with procurement of high tech and electronic equipment is required. Proficiency with Microsoft Word and Excel is required; demonstrated experience in teaming with technical requestors and QA personnel in a scientific or high tech environment is highly desirable. Will be responsible for obtaining desired equipment and services through contractual agreements with minimal supervision. Procurement & Property Management Division.

**TB4253. PROJECT ENGINEER II (P-7)** - Requires a BS in health physics/industrial hygiene/industrial safety or closely related technical field, seven years of experience in ES&H, and one year of experience supervising ES&H technicians or professionals. Preferred qualifications include NRRPT registration, certification as a Hazardous Material Manager (CHMM), or Certified Safety Professional (CSP). Will assist the line organization in the full implementation of BNL ES&H Program requirements with an emphasis on radiological controls and will provide ES&H support to the Laboratory's waste management operations. Radiological Control Division.

**RM4252. ASSOCIATE STAFF ENGINEER (P-3)** - Requires a bachelor's degree in an engineering or technical field, or equivalent capabilities, and the ability to gather and analyze data and create information for management. Excellent oral and written communication skills are required, as is knowledge of Microsoft Office Word, Access, Excel, PowerPoint, and HTML/web page and forms. Must be able to work with minimal supervision. Responsibilities include managing Brookhaven's Assessment Tracking System (ATS), the tool that supports corrective action management. This involves day-to-day system management and user support to create and implement system improvements, follow up on open actions, review of action extension and closure statements; development of reports for management and work with the ATS Users Group to implement improvements. Will also assist in the development and Laboratory-wide roll-out of a Performance Management Database and assist in the development and delivery of the quarterly performance data call. Will gather, analyze, summarize, and organize information in order to prepare and maintain complex Performance Management data calls, projects, and reports. Quality Management Office.

### Motor Vehicles & Supplies

**04 CHEVY SUBURBAN Z71** - Loaded, dual a/c & heat leather, m/rf, tow pkg, multi-cd plyr. 28K mi. \$28,000. Ext. 4427 or 807-9916.

**03 VW PASSAT** - silver w/blk leather int., 4cyl, pwr. s/roof, loaded, 56K mi. \$14,000/neg. Linda, Ext. 7187 or 516-607-3549.

### Monarch on Sunflower



Roger Stoutenburgh D1380906

"Carpe diem" - as the Latin poet Horace advised. This photo by Roger Stoutenburgh reminds us: summer grows short; sip honey while you can. For one quick fix of glory, look at this photo in color on the BNL web. Beg, borrow, or steal a computer and go to: [www.bnl.gov/bnlweb/pubaf/bulletin.asp](http://www.bnl.gov/bnlweb/pubaf/bulletin.asp).

**00 MITSUBISHI DRAMANTE** - gd. cond., high mi. \$4,000/neg. Pat, Ext. 7192.

**00 MERCURY SABLE LS "PREMIUM"** - drk. blue, gray lthr. int. 3.0L Duratec V6, 145K mi., excel. \$4,600/neg. Ext. 4748 or 277-0464.

**00 CHEVY SILVERADO 2500 PICKUP** - 4x4, ext. cab, 3rd dr, 8ft. western pro-plow, tow pkg, more. 97K mi. \$11,000. 516-702-6131.

**00 VW PASSAT WAGON** - 4 cyl., p/s, p/w, a/c, abs, keyless ent, lthr, s/roof, 6 cd plyr, htd. seats, excel. 32K mi. \$12,000. 744-5448.

**98 CHEVY Z71 PICK-UP** - mint, 350 V8, all pwr. 4WD, oversize tires & rims, bed liner, cvr. 69K mi. \$9,700/neg. Laura, Ext. 4660.

**98 FORD ESCORT ZX2** - 2dr., 5spd. m/t, air bags, a/c, c/c, 6cd, pwr s/rf, maint rprt, excel. 207K mi. Byoung-Chul Kim, Ext. 7073.

**97 JEEP GRD CHEROKEE** - Laredo black, 4X4, a/t, 6cyl, full pwr, cd stereo, dler maint, excel. cond. 125K mi. \$4,850/neg. Ext. 5937.

**96 AUDI A4** - 6cyl, 4dr, silver, a/c, awd, abs, a/t, c/c, p/l, p/s, p/w, lthr int., s/rf, fr. air-bgs. 125K mi. \$5,500/neg. Ext. 4189 or 764-1319.

**93 TOYOTA TERCEL DX** - blue, 4dr., a/t, a/c, good cond., running well. 109 mi. \$2,600/neg. Sam, Ext. 3114 or Ext. 1064.

**87 LINCOLN TOWN CAR** - 4 dr., 6cyl, new windshield, gd body, tires & int., runs well. \$700/neg. Mauro, Ext. 7405 or Ext. 1079.

**76 VOLKSWAGEN BUS** - a/t, 3k mi. on new motor, gt. cond., lot of mech. work done, receipts avail. \$4,800/neg. 288-1388.

**68 VOLKSWAGEN CAMPER VAN** - Pop-up, std. tr., runs well. Body: some rust & dents. Int. in good cond. \$1,850/neg. 288-1388.

**69 VW HOOD** - dark blue, gd. cond., best offer. Ext. 2346.

### Boats & Marine Supplies

**16" DORRY ST/DE** - 20 hp Evinrude trailer, gd bay boat, deep gunel, all incl. \$1,100/neg. Joe, Ext. 3499.

**20' BAYLINER TROPHY** - 1996, 150 Merc O/B, trailer, full canvas, cabin, fish/depth finder, more, excel. \$11,500. 516-996-2655.

**27' HUNTER SLOOP** - 1979, inbrd Yanmar diesel, roller furling 150 jib, autotiller, slip for rest of season. \$6,750/neg. 516 381-2651.

**18' SEA RAY** - 1998 Bow Rider- 130 merc. w/turn key, mint cond, low hours-2000 trailer incl. \$8,000.00. Helga, 286-7291.

**C&C 27 MK1** - excel. cond. w/30hp Atomic 4. Incl: steel cradle on trailer. \$13,000 neg. Andreas, Ext. 3140 or 298-7022 or 335-7173.

### Furnishings & Appliances

**BABY'S HIGH CHAIR** - excellent condition, \$40. Chris, Ext. 2094 or 929-5008.

**BEDROOM** - chest of drawers (2 matching) 44" x 18" x 31" & 70" x 19", like new, \$250/pr. Martine, 286-9725.

**CUPBOARD, DINING RM. SET** - corner cupbrd, pine, ask 350; din. rm. set in cherry wood, Queen Anne style, \$500. 666-5387.

**FURNITURE** - couch/queen sleeper, \$60; 2 recliners, \$30 ea.; oak dining tbl. \$500; Pics avail. Thomas, Ext. 5712 or 909-1498.

**FURNITURE** - oak dining rm set, couches, other furniture: see photos & prices at [www.mathdrb.com](http://www.mathdrb.com). Dave, 689-2370.

**KRUPS STEAM ESPRESSO MAKER** - red, \$10. Ext. 2414.

**MATTRESS SET** - nr. new Simmons Beautyrest Embassy Plush Twin mattress & box-spring w/steel frame on rollers. Ext. 5669.

**PORTABLE CRIB** - great for travel, \$40. chris, Ext. 2094 or 929-5008.

**REFRIGERATOR** - white Frigidaire, 18.2 cu. ft., \$175. Chris, Ext. 2094 or 831-3469.

### Audio, Video & Computers

**APPLE G4 POWERBOOK LAPTOP** - Unopened. 3 ys ext war. 5 mo. old. 12" 512 RAM 80 GB HDD 64 VRAM. Raj, Ext. 4648.

**HARD DRIVE** - Seagate 160Mb SATA 2 Drive, 300MB/s, unused, \$80, Raid contrlr card, Promise Fastrack 2300X, 3Gb/s, SATA 2 cmpat, \$60. Richard, Ext. 3932.

### Sports, Hobbies & Pets

**DIRT BIKE** - mini, 3-spd, 49 cc Panterra, yellow, looks good, runs well, 1 yr. old, \$350. 821-8347.

**NORDIC TRACK C2200 TREADMILL** - excel. cond., no delivery, 10 programs, iFit. 744-4868 or mschwart@bnl.gov.

**NORDITRACK & TUNTURI BIKE** - Gently used with manuals. Best offer. 744-8386.

### Tools, House & Garden

**BRANCH CHIPPER** - Mighty Mack, 5 h.p., \$250 OBO. Larry, Ext. 3392.

**LEAF BLOWER** - air sweeper, 5 h.p. \$250 OBO. Larry, 473-7832.

### Miscellaneous

**JETS TICKETS** - Jets vs. Eagles on 9/1 at 7:00 pm, 4 tickets \$50 ea. Face value \$65. Jimmy, Ext. 7859 or 924-7374.

**TENNIS BRACELET** - gold & diamond, appx. 1.5 carats, rarely worn, paid about \$1,000. Ask \$200. Ask mschwart@bnl.gov for pic. Melanie, Ext. 5810 or 744-4868.

### Happening

**PILATES MAT CLASSES** - in Medford. \$50-65/10 sessions at PatMed High School, starting 10/17. Michael, Ext. 8612.

### Yard & Garage Sales

**ROCKY POINT** - Sat 9/2, 9-3. 2 family sale, treadmill, jewelry, furniture, collectibles. Melanie, Ext. 5810 or 744-4868.

**WESTHAMPTON** - Landscaping tools, pool equip., filters, pond equip., many items. 4 Arthur St. 9/9 & 9/10. Brian, 288-1388.

### Community Involvement

**DONATIONS SOUGHT** - Food/clothing - direct distribution to east-end migrant worker families Apostolado Church (Riverhead). Pat, Ext. 5159.

### Free

**CELL PHONE BATTERY** - for Verizon, Samsung Model SCH-A850. 3.7v., Li-ion. Michael, Ext. 1388.

**CEMENT MIXER** - 1/2 bag, electric, good cond., need room in garage. John, Ext. 3951 or 692-5060.

**GOLF CLUBS** - Women, righthanded Spalding clubs. #1 wood and 3,5,7,9 irons. Roger, Ext. 4698.

**TWO FEMALE GUINEA PIGS** - must take both, cage, all access. incl. Good w/children & dogs. Laura, Ext. 4660 or 807-0457.

### Wanted

**CARPOOL TO NYC** - This Friday, 9/1. I have no car, but share gas and fee with you. Ext. 1043.

**KAYAK** - Would like to purchase a two-person kayak of any type. Michael, Ext. 6102 or 878-9020.

### For Rent

**BLUE POINT** - Sept.-June, cozy furn. 4-bdrm. bayfront, 20 min to BNL, quiet n'hood, beaut. sunrises over Gt. South Bay, utilities incl. \$1,800/mo. 987-6904.

**CENTER MORICHES** - 4-bdrm., wtr-frt. house, dock on creek, eik, d/wr, w/d, f/p, 2 full bath, more. \$2,000/mo. 261-7908.

**CENTER MORICHES** - 1 bdrm. bsmt. apt., l/r, full kitch. & bath. Outside ent. No smkg. Great location - beach area, close to BNL! utils. incl. \$1,000/mo. 909-2452.

**EAST MORICHES** - furn. studio, l/r-bdrm combo, dining area w/microw. kitchenette, bath w/shwr, off st. prkg., priv. ent., heat/elec. incl., no smkg., + sec. \$900/mo. 878-4246.

**FARMINGVILLE** - 1 bdrm. in lg. house, share bath w/2, full kit., elec. incl., avail. 10/1. \$450/mo. Ben, Ext. 5879.

**MIDDLE ISLAND** - 2 bdrm apt. sublet avail. Sept., a/c, d/r, excel. loc. close to BNL, pool and park in complex, no sec. deposit required \$1,335/mo. Raul, Ext. 4990.

**MILLER PLACE** - Share large furn. non smkg Col. home, quiet, cac, internet, tv cable, fenced yard, deck, grill, patio, w/w own bdrm. 10 mi. to BNL \$650/mo. 744-8386.

**RIVERHEAD** - One-bdrm. apt, light, airy, w/ front patio, upstairs in house w/2nd. rental apt. downstairs. Walk to town, train, library. Utilities not incl. \$725/mo. 727-1916.

**RIVERHEAD** - Grd. fl. apt. in house w/2 rental apts. 2 bdms, country kitch, lvg rm, office space. Sm. priv. backyard. Walk to town, train. Utils. not incl. \$825/mo. 727-1916.

**SHOREHAM** - Ranch, 3 bedrooms, 1 bath, living room, den, kitchen, washer/dryer, 1 car garage, large yard, utilities extra \$1,800/mo. 631-258-4607.

**SHOREHAM** - Mint spacious studio apt, sep. ent., kitch. & bath, big yard, sep. therm, cable TV, util. inc., 1 mo. sec., no smkg/pets; 7 min to BNL. \$750/mo./neg. 747-3495.

**SMITHPOINT ESTATES - SHIRLEY** - 1 yr. old, 1-bdrm, bsmt. apt. l/r, full kit., bath, pvt. ent., all utlis, no smkg/pets, \$1,000/mo. + sec. 10 min to Lab. Ext. 3681 or 399-3910.

**WADING RIVER** - 2-bdrm. ranch on dead-end street, v. private. kit., l/r, bath, & full bsmt., no pets/smkg. \$1,200/mo. 929-6511.

**WADING RIVER** - furn. apt., bdrm., l/r, full bath, satellite tv, 2nd. flr., no smkg/pets \$1,200/mo. 739-7234.

**SUMMERFIELD, CENTRAL, FL** - 2 bed 2 bath house, 55+ comm., mins. from The Village @ Spruce Creek So. on golf course, unfurn., @ least 6 mo. \$1,200/mo. 345-5776.

**NEWPORT RICHEY, FL** - 2-bdrm., 2-bath condo. 2 pools 2 golf courses, 15 min. to Gulf beach, all util's. incl. excpt phone, avail. Dec. to Feb. \$1,300/mo. 929-3586.

**For Sale**

**BOYNTON BEACH** - 55+ comm., charming 1800 ft., 2/2 + den near clubhouse, pool, tennis & shopping. \$239,000/neg. 561-495-0187.

**CENTER MORICHES** - 3-bdrm., 2-bath contemp ranch w/sep 1-bdrm. apt., Updated w/many extras, oak floors, new drive, 1/2 acre, nr. BNL. \$539,000 878-6220.

**SHOREHAM** - Dutch Colonial, 4 bdrm, 2 bath, d/r, l/r, lge fam rm, wd flrs, new lge kitch, new appliances, 1 car gar, igr, fenced yrd, fam. nrbhood. \$489,000/neg. 258-4607.

**SHOREHAM** - Sprawling 5 bdrm 2 bath ranch; move-in cond., brand new appl, dr/way, cac, heatg syst & hwh, Frpl, Ins, fenced yard. \$369,900/neg. 848-8072.

**SOUND BEACH** - new 3-bdrm Colonial, 1-1/2 baths, f/p, lg. kit., full bsmt., low taxes, level, corner lot, walk to beach. \$374,900/neg. 821-1271.

**PALM BEACH SHORES, FL** - Marriott Vac. Club Time Share, exchange w. any other Marriott Vac. Club & worldwide resorts. No desig. time period. \$20,500/neg. 288-1388.

### On-Site Services

**ON-SITE SERVICE STATION** - We can service you with boat & motorcycle starters, alternators, as well as all vehicle services, NYS inspections, new batteries, tires, timing belts, repairs, etc., while you are at work. Ext. 4034.

### In Appreciation

To BNL Fire/Rescue staff, Clinic staff, and concerned co-workers: words cannot thank you enough for your quick action and care towards my husband Ed during his heart attack. He is home, recovering well, thanks to you all. - Tammy Stein

## Roll Up Your Sleeve: Blood Drive, 9/7



Joseph Rubino D01030904

The availability of blood on Long Island for accident victims, hospital patients, long-term outpatients, and others depends on the generosity of healthy people who care enough for their family and neighbors to give blood.

As everyone knows who receives blood, no thanks are enough for this precious gift of life. Many donors give every year and some give several times a year: their commitment is priceless. Please join them if you possibly can, at BNL's blood drive on Thursday, September 7, 9:30 a.m.-3 p.m. in the Brookhaven Center. Donors must be from 16 to 75 years of age, in good health, and weighing over 110 lbs. Restrictions may apply to individuals from the United Kingdom and Europe. Donors should have photo identification and know their social security number.

To make an appointment, log on to the Human Resources webpage, [www.bnl.gov/HR](http://www.bnl.gov/HR), click on "Blood Drive" and select "Schedule an Appointment." For more information, contact Susan Foster, Ext. 2888, or Liz Gilbert, Ext. 2315.

## the Bulletin

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Liz Seubert, editor  
John Galvin, reporter  
Roger Stoutenburgh, photographer

On the Web, the Bulletin is located at [www.bnl.gov/bnlweb/pubaf/bulletin.html](http://www.bnl.gov/bnlweb/pubaf/bulletin.html). A calendar listing scientific and technical seminars and lectures is found at [www.bnl.gov/bnlweb/pubaf/calendar.html](http://www.bnl.gov/bnlweb/pubaf/calendar.html).

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