

## Robert Bari Addresses Blue Ribbon Commission

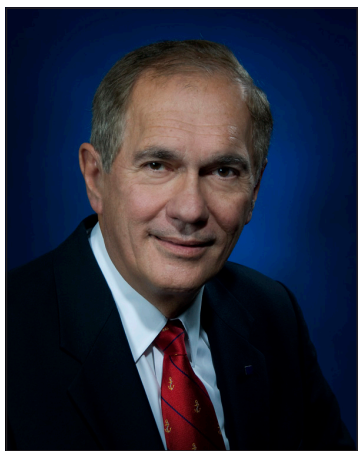
Robert Bari of the Lab's Energy Sciences and Technology Department is the international co-chair of the Generation IV International Forum (GIF). The GIF has been defining and evaluating proliferation resistance and physical protection of future nuclear energy systems for almost a decade.

"The GIF group may not make headlines, but I have always known we are doing important work," said Bari.

Among results of GIF activities are major new technical tools for evaluating proliferation and security risks. The methodology defines a set of challenges, analyzes system response to these challenges, and assesses the outcomes.

"This newly developed methodology enjoys wide international consensus and has been used in applications reaching far beyond the initial purpose," said Bari. "With further development it could be extended to address diverse issues in the areas of proliferation resistance and physical protection. The GIF will continue to work hard to achieve and reach beyond our initial goals."

Recently, Bari received a call from DOE asking him to participate in a panel discussion on America's nuclear policies and the management of nuclear sys-



Roger Stoutenburgh D0881109

tems and spent fuel. "This was a real opportunity to be part of policy development that will affect national and international standards and nonproliferation. I was honored to be selected for this panel," he said.

So, on October 12, Bari headed to Washington, D.C. to participate in a session on "Limiting Future Proliferation and Security Risks" with the newly formed Blue Ribbon Commission on America's Nuclear Future.

The Blue Ribbon Commission, which was announced last January, came about via a memorandum from President Obama to Energy Secretary Steven Chu. Co-chaired by former Congressman Lee Hamilton and former National Security Advisor Brent Scowcroft, the commission is conducting a comprehensive review of policies relating to storage, processing, and disposal of nuclear waste. Ultimately, it will make recommendations to the President and Congress on how to best proceed for America's nuclear future.

See *Robert Bari* on p. 2

## BNL Hosts DOE Contractors' ES&H Workshop

As part of BNL's continuous focus on safety and environmental best practices, the Lab hosted the 2010 Energy Facility Contractors Group (EFCOG) Environmental Safety & Health Working Group (ESHWG) Fall Workshop, October 4-8. The EFCOG promotes excellence in all aspects of the operation, management, and integration of DOE facilities in a safe, environmentally sound, efficient and cost-effective manner by exchanging information.

"DOE recognizes the value that the EFCOG ESH Working Group adds to our efforts to maintain a healthy and safe work environment for all those who work at or visit our laboratories," said Mike Holland, Manager of DOE Brookhaven Site Office.

"EFCOG workshops are great opportunities for ESH professionals to network, and share lessons learned and best practices," said Assistant Laboratory



Joseph Rubino D0011010

Leaders and event organizers from BNL, DOE, and the Energy Facility Contractors Group (EFCOG) include: (front, from left) Kristi Davenport, Energy Solutions and EFCOG Environmental Safety & Health Working Group (ESHWG) meeting coordinator; Mike Holland, DOE Brookhaven Site Office Manager; Sam Aronson, BNL Director; Tony Umak, DOE Savannah River Site Vice President for Environment, Safety, Health & Quality, and EFCOG ESHWG chair; and Dan Marsick, industrial hygienist, DOE Office of Health, Safety and Security; (back, from left) Amber Aponte, BNL Safety & Health Services Division and BNL EFCOG coordinator; Jim Durnan, BNL Laboratory electrical safety officer and BNL EFCOG host; Don Harvey, senior occupational safety & health advisor, DOE National Nuclear Security Administration; James Morgan, Manager of Chemical Management, Savannah River Nuclear Solutions (SRNS), and EFCOG ESHWG secretary; Pat Padezanin, SRNS Industrial Hygiene Programs Manager and EFCOG ESHWG vice-chair; and Michael Ardaiz, DOE Chief Medical Officer.

Director for Environment, Safety & Health (ES&H) George Goode. "This workshop achieved those goals, and I'd like to thank the

BNL team that helped organize it, as well as Jim Durnan of the ES&H Directorate for leading the effort." — Will Safer



Joseph Indusi

Roger Stoutenburgh D0100107

## 463rd Brookhaven Lecture, 11/17

## It's No Secret: Fifty-eight Years of National Security Programs at BNL

Prepare for a true tale of suspense and international intrigue. A tale that began in 1952, continued through the Cold War, and is not yet complete today. A tale of unexpected allies. Hear the true tale of one Laboratory's efforts to keep nuclear materials out of the hands of evildoers.

Freidlander. Higinbotham. Dodson. Kouts. And many more! See some of BNL's all-star cast in the defining roles that shaped their careers as they worked toward keeping the nation and the world safe from the proliferation of nuclear weapons.

On Wednesday, November 17, join BNL's Nonproliferation & National Security Department (NNS) Chair Joseph Indusi for the 463rd Brookhaven Lecture, titled, "It's No Secret: Fifty-eight Years of National Security Programs at BNL." All are invited to attend this free talk, which is

open to the public and will be held in Berkner Hall at 4 p.m. Refreshments will be offered before and after the lecture. Visitors to the Lab of age 16 and older must carry a photo ID while on site.

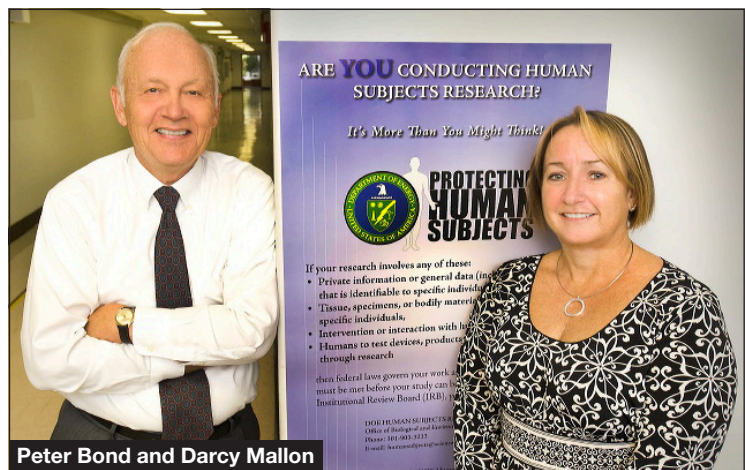
During his talk, Indusi will discuss how the creative minds and technical expertise at BNL provided the U.S. with the technical support needed to safeguard nuclear materials after World War II. He will also explain BNL's role in strengthening international safeguards, solving inventory discrepancies for nuclear materials thought to be missing, and protecting existing stockpiles of nuclear weapons.

Before arriving at BNL 37 years ago, Indusi attended Stony Brook University and earned a master's degree in applied analysis and a Ph.D. in applied mathematics and statistics. He

also worked as a systems consultant at Burndy Corporation in Norwalk, Connecticut, from 1972 until 1973, prior to joining BNL as an assistant mathematician in the Lab's Technical Support Organization (TSO) in 1973. The TSO organization was later incorporated into the Safeguards and Arms Control Division and Indusi became the Division Head from 1986 to 2000. He also served as an associate department chair for the Department of Advanced Technology from 1990 until 1995. Indusi was named NNS Chair in 2001, where, today, he continues to uphold and advance BNL's commitment to stopping the spread of nuclear weapons.

To join Indusi for dinner following the talk at an off-site restaurant, contact Donna Gill, Ext. 2826, [donna@bnl.gov](mailto:donna@bnl.gov).

— Joe Gettler



Peter Bond and Darcy Mallon

Roger Stoutenburgh D2851010

## Brookhaven Receives Seal of Accreditation for Outstanding Human Subject Research Program

On September 23, 2010, BNL received notification from the Association for the Accreditation of Human Research Protection Programs (AAHRPP) that the Lab had successfully earned the AAHRPP seal of accreditation.

Said Peter Bond of the Director's Office and the institutional official for human subject research at BNL, "This voluntary accredita-

tion showcases the commitment of the Lab's personnel involved in human subject research, from the investigators to the administrative staff and committee members. It also demonstrates our commitment to the protection of the subject volunteers as well as the extraordinary quality of our human research program.

See *Accreditation* on p. 2

## Making BNL A Safer Place: The Lab's New Ladder Fire Truck

See story, p. 2



Roger Stoutenburgh D2421010

## SBU Student Wins Lin Scholarship

Ping Cao, a chemistry graduate student at Stony Brook University has won the sixth annual Dr. Mow Shiah Lin Scholarship. The Asian Pacific American Association (APAA) at BNL sponsors the scholarship, which consists of \$1,000 and a plaque, to honor the distinguished late BNL scientist for whom it was named.

Cao is studying the formation of amyloids, toxic deposits formed by various proteins in numerous human diseases. In particular, she is investigating the mechanism in the formation of islet amyloid polypeptide, a protein that plays an important role in the development of diabetes, and designing amyloid inhibitors for potential therapeutic use.

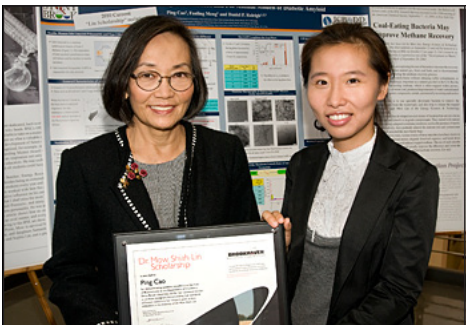
“I am honored to receive the Dr. Mow Shiah Lin Scholarship,” Cao said. “I cherish the opportunity to do research with world-leading experts in my field at Stony Brook University. My career goal is to develop an independent research program focused on molecular medicine.”

Mow Shiah Lin began his career at BNL in 1975 as a postdoctoral fellow and advanced to co-lead a research team working with an environmental remediation company to use selected bacteria to convert toxic oil wastes, such as used motor oils, into useful products. In 2001, Lin shared an R&D 100 Award, given by *R&D Magazine* for the top 100 technological achievements of the year, for developing a technology to recover silica from geothermal brine. Lin died suddenly, due to a brain aneurysm, at the height of his career in 2003, and his coworkers, friends and family contributed funds to establish the scholarship.

In remembrance of how Lin began his career, the scholarship is granted annually to an Asian immigrant with a student visa who is matriculated at an accredited institution of higher education on Long Island (including Brooklyn and Queens) working toward a graduate degree in environmental & energy technology, biology, or chemistry.

Cao earned a B.S. in chemistry in 2005 and an M.S. in biology and pharmaceutical biotechnology in 2007 from Nanjing University in China. She enrolled in the SBU graduate program in chemistry in 2007, and she expects to receive her Ph.D. in 2012.

— Diane Greenberg



Beth Y. Lin, widow of Mow Shiah Lin and trustee of the Asian Pacific American Association (left), with Stony Brook University student Ping Cao

## Two Students Win Chasman Scholarship

Joanna Laroussi, a graduate student in geography at the City University of New York’s (CUNY) Hunter College, and Jamina Oomen-Hajagos, a graduate student studying genetics at Stony Brook University (SBU), have been awarded the 2010 Renate W. Chasman Scholarship for Women. Brookhaven Women in Science (BWIS), a not-for-profit organization at BNL, offers the scholarship to qualified candidates annually to encourage women to pursue careers in science, engineering, or mathematics.

“These two candidates were both exceptional students with excellent qualifications, so this year, we are granting two scholarships rather than the usual one,” said Loralie Smart, a BWIS executive board member who coordinates the scholarship program.

Named after the late Renate Chasman, a renowned physicist who worked at BNL, the \$2,000 scholarship is awarded each year to a re-entry woman — one whose college education was interrupted, but who has returned to pursue a degree on a half time or greater basis. For the first time, SBU is providing matching funds for students enrolled in its programs, so Oomen-Hajagos will be receiving an additional \$2,000 to go toward her graduate studies.

Joanna Laroussi earned two B.A. degrees in geography: one from the University of Silesia in Poland in 2003, and another from CUNY Hunter College in 2010. Her goal in 2003 was to immediately continue her education to obtain an advanced degree, but her family moved to the U.S. in 2004, and, as an immigrant, she did not have the opportunity to go directly to college. She spent her first years in the U.S. working long hours as a child-care worker, learning English and saving funds for college.

Currently, Laroussi is working



Loralie Smart, Brookhaven Women in Science board member (left) and Martin Blume, Senior Scientist Emeritus and former BNL Deputy Director, display Chasman Scholarship certificates with 2010 scholarship winners Joanna Laroussi (second from left) and Jamina Oomen-Hajagos.

toward a master’s degree in geography at CUNY Hunter College. She has also been accepted in a Ph.D. program at the Earth and Environmental Sciences Department at the CUNY Graduate Center, where she plans to continue her studies in 2011. In 2009, she started to work part time as an intern with the New York City Department of Education Office of Pupil Transportation, where she has the opportunity to build her professional geographic information system experience and apply the concepts she learned in the classroom to real-world projects.

“It is a great honor for me to receive the Chasman Scholarship,” Laroussi said. “It will help me significantly in becoming a professional in the field of geographic information systems. After finishing my education, I wish to work for a government agency performing critical geospatial analyses and using maps to present findings.”

Jamina Oomen-Hajagos earned a B.S. in biology from Yale University in 1999 and an M.A. in biology from SBU in 2002. She had started a graduate research project while at SBU studying turtles called diamondback terrapins at Jamaica Bay, NY. Because of a low population, she was unable to

get enough data to pursue a Ph.D. thesis in that area. That obstacle, combined with a need to help financially support her husband, who was completing his Ph.D., and their two preschool children, caused an interruption in her education for eight years. But this fall she is continuing her graduate studies at SBU.

From 2002 to 2010, Oomen-Hajagos held a variety of jobs. She was a consultant at Applied Biomathematics, working with Lev Ginsburg, SBU Professor in the Department of Ecology and Evolution, from 2002-2003. She then worked as a science teacher, first in Brooklyn, then in Mount Sinai, Long Island; a proofreader for Blackwell Publishing; and, most recently, she was an associate financial advisor at Rocco A. Carriero & Associates, part of Ameriprise Financial.

“As I return to SBU to pursue a Ph.D. in genetics, after spending several years in the workforce and raising young children, the Chasman Scholarship will provide much appreciated additional support,” Oomen-Hajagos said. “My eventual career goal is to obtain a position conducting research in genetics and teaching at the university level.”

— Diane Greenberg

## Service Anniversaries

The following employees celebrated a service anniversary during August:

— 35 Years —  
Stephen Schwartz ..... Env. Scis.  
John Lehner ..... ES&T

— 30 Years —  
John Benante ..... C-AD  
Joseph D’Ambra ..... Magnet  
Richard Casella ..... ITD  
Kathryn Folkers ..... Biology  
Gloria Ramirez ..... NSLS

— 25 Years —  
Erik Johnson ..... NSLS-II  
Lydia Rogers ..... NSLS-II  
Lorraine Barry ..... HR/OM  
Peter Esposito ..... HR/OM  
Ramiro Debbe ..... Physics  
Henry Diaz ..... Physics  
Lewis Jackson ..... P&PM  
Edward Sierra ..... Qual.M

— 20 Years —  
Jonathan Laster ..... C-AD  
Susan McKeon ..... ITD  
Robert Retundi ..... Bus.Syst.  
Robert Hernandez ..... Lab.Prot.  
Roy Johnson ..... Site Svcs.

— 10 Years —  
John Peters ..... ESH&Q  
Dennis Kotarski ..... En./Utils.  
Helen Savage ..... Fiscal  
Richard Iaccarino ..... NSLS  
Hucheng Chen ..... Physics  
Alexander Undrus ..... Physics

Robert Bari from p. 1

The Blue Ribbon Commission includes former Senator Pete Domenici. Another panelist at the October 12 meeting was American physicist and Medal of Science Laureate Richard Garwin.

“As you can see,” said Bari, “I was in stellar company, and I feel confident we can make a difference in the national and international arena of nuclear energy research and non-proliferation.”

Bari is well known in his field. In 2003, he received the Tommy Thompson Award of the American Nuclear Society, recognizing him for his efforts in nuclear safety. He has traveled the world to analyze systems and respond to the challenges of proliferation threats.

For more information on the Blue Ribbon Commission go to: <http://www.brc.gov>. For information on the GIF methodology go to: <http://www.gen-4.org/Technology/horizontal/PRPEM.pdf>.

— Jane Koropsak

## Arrivals & Departures

— Arrivals —

Drew Carleton ..... Magnet  
Craig Danforth ..... Site Res.  
Jaime Farrington ..... Chemistry  
James Feeney ..... F&O  
Javier Pulecio ..... CMPMS  
Vincent Rodowicz ..... Site Res.

— Departures —

Paul Blacher ..... Mod. Proj.  
William Bambina ..... Photon Scis.  
Mary Daum ..... ESH&Q  
Carmit Pelleg ..... ITD  
Oshri Pelleg ..... CMP&MS

Accreditation from p. 1

“Human subject research has been ongoing at the Lab for over 50 years, and the Lab has always followed the rigorous federal regulations required by the Office for Human Research Protections,” Bond said.

Darcy Mallon, who directs the Lab’s Office of Research Administration, said, “This accreditation process, which took almost two years, looks at the research program in its entirety — from initial protocol applications, to the review process, to the documentation of protocol status and system processes that provide the highest possible standards of

human subject protection.”

In addition to the number one priority of human subject protection, processes and procedures reviewed must exemplify efficiency and effectiveness. Some key advantages of AAHRPP accreditation are government recognition and public trust and confidence. This seal of accreditation may also give the Lab a competitive edge on research funding when sponsors and other funding agencies recognize the Lab’s efforts in the area of human subject protection.

BNL joins a group of other accredited organizations, including Pacific Northwest National Laboratory.

— Jane Koropsak

**Sunday, 11/7: Change Your Clocks Back an Hour**  
**Also, change the batteries on your smoke and carbon-monoxide alarms!**

## BERA IAA Annual Cultural Event, 12/18

The BERA Indo-American Association (BERA-IAA) will hold a cultural function of music, dance, and the arts, open to the public, on Saturday, December 18, from 3 p.m. in Berkner Hall. Authentic Indian snacks and a semi-formal Indian dinner will be served. To reserve a ticket, go to <http://www.bnl.gov/bera/activities/iaa/bera-iaa-2010>. Tickets are: adults, \$15; children 4-12, \$9.

## Retirement Plan Contribution Limits For 2011

The Internal Revenue Service has announced that retirement-plan contribution limits for 2011 are unchanged from 2010, as follows:

- BSA 401(k) Plan**
- Maximum annual contribution limit: \$16,500
  - Maximum annual catch-up contribution limit: \$5,500
  - Maximum annual compensation limit for contributions: \$245,000
- BSA Retirement Plan**
- Maximum annual compensation limit for contributions: \$245,000

Obtain information on changing your 401(k) contributions or the allocation of your investment funds at the Benefits Office, Ext. 7516.

Thanksgiving

is in the air

Please share – give food or \$\$ to the

BNL FOOD DRIVE

# BNL's 2010 United Way Campaign 'One Lab, One Team... United in Giving'

By BNL's 2010 United Way Campaign Chair Roy Lebel and Co-Chair Joyce Fortunato

Nassau and Suffolk Counties are two of the wealthiest areas in the nation, yet over 110,000 Long Island children rely on food pantries every year.

Every year, BNL employees generously give to the United Way of Long Island, which supports 113 agencies and charitable foundations across Nassau and Suffolk Counties. BNL's 2010 United Way Campaign began on Thursday, November 4, and continues through Friday, December 31.

The goal for this year's United Way Campaign is to raise \$140,000 — \$10,000 more than the 2009 goal — for organizations that can help the people of Long Island who are in need: victims of domestic violence, families of reservists, the elderly, and others who are less fortunate, including children who have been abused or afflicted with various conditions, including Down syndrome, autism, and multiple sclerosis.

There are many ways to give:



Volunteering your time through the Volunteer Days Program (see below), participating in the holiday auction and the many department/division fundraisers, and donating money using the pledge forms are all great ways to get involved.

Every gift is important: a weekly gift of one dollar — the cost of a can of soda — will feed three Long Islanders a nutritious meal for one week.

BNL employees have a long history of helping others and we ask that you please join us in this effort in whatever way possible. Thank you in advance for your support. We look forward to another successful campaign this year.

Together, "united in giving," we can make a difference.

## Volunteer Days Program Begins

Many BNLers already volunteer in their communities in a variety of ways — as volunteer firefighters or scout leaders, working in soup kitchens, teaching, mentoring, lecturing, coaching, and more.

BSA will donate \$20 to BNL's United Way Campaign for each hour an employee volunteers in the community between October 1 and December 31 through the Volunteer Days Program. Last year, 187 BNL volunteers worked 1,274 hours to meet the Lab's goal.

To encourage participation in the Volunteer Days Program, BNLers may submit a one-time

request to their supervisor for an hour's work time off to perform volunteer work. A minimum of two hours is necessary: one work hour and at least one from your own time, but there is no limit on personal volunteer hours and BSA will contribute up to \$10,000 for this year's campaign.

To help keep track of volunteer hours, fill out and submit a volunteer work receipt form, which can be found online: <http://intranet.bnl.gov/unitedway/VolunteerProgram.asp>.

For more information, contact Volunteer Days Program Coordinator Sarah Mahler, Ext. 4207 or [swiley@bnl.gov](mailto:swiley@bnl.gov).

## BSA Noon Recital: Stony Brook Opera, 11/17

Stony Brook Opera will present a program of opera scenes with piano accompaniment on Wednesday, November 17, at noon in Berkner Hall. David Lawton, Professor of Music at Stony Brook and a well-known opera conductor, will conduct, and Metropolitan Opera soprano Jennifer Aylmer will direct the scenes. Sponsored by Brookhaven Science Associates, the concert is free and open to the public. All visitors to the Lab age 16 and over must bring a photo I.D.

The program of scenes from French and German opera is centered around the theme of "Youth and Innocence Lost." The French scenes include the beautiful duet for Hero and Ursule from Act I of

Berlioz's Shakespeare opera *Béatrice et Bénédict*, a duet for Soeur Constance and Soeur Blanche in Poulenc's *Dialogues of the Carmelites*, a duet for Micaëla and Don José from Act I of Bizet's *Carmen*, Siebel's aria from the garden scene of Gounod's *Faust*, a duet and a trio from Donizetti's *La fille du Régiment*, and the scene for the Princess and the Child from Ravel's *L'enfant et les Sortilèges*. All these scenes will be sung in the original French, except for the Poulenc.

The German scene is the end of Act I of Humperdinck's *Hänsel und Gretel*: the two children are frightened because they are lost in the forest, then lulled into sleep by a sandman, and then sing a beautiful prayer before sleeping.

## Exhibits Needed: BNL Art/Crafts Show, 11/22-24

Art, photography, and crafts exhibits are needed for the Art Society's show in Berkner Hall, Room B, 11/22-24, 11:45 a.m.-1:30 p.m. Employees, retirees, facility users, guests, and family members 15 years and older may contribute up to three items each. To register, send your name, Lab and home phone, and description of work to Bob Chrien, [chrien@bnl.gov](mailto:chrien@bnl.gov) or Bldg. 510A, or to Liz Seubert, Bldg. 400, [lseubert@bnl.gov](mailto:lseubert@bnl.gov), by Monday, November 8. Drop your work off at Berkner, Room C, 2 to 4 p.m., Friday, November 19, and pick it up after 1:30 p.m. on Wednesday, November 24.

## Turkey, and Stuffing, and Yams — Oh My Thanksgiving Catering Available From Nayyarsons

Nayyarsons is accepting orders for complete Thanksgiving dinners from now until November 19. They will provide enough turkey with gravy, stuffing, yams, string beans, and a pie to feed 12–15 people for \$150. Orders can be picked up on Wednesday, November 24, before noon and then reheated for guests on Thanksgiving Day. For information or to place an order, call Ray Hernandez, Ext. 3541.



Roger Stoutenburgh D4351010

In front of the new "Ladder 1" fire truck are: (from left) Michael Holland, DOE Manager of the Brookhaven Site Office; Lanny Bates, Assistant Lab Director for Facilities & Operations; John Amabile, Laboratory Protection Division Manager; and Charles LaSalla, Chief of the BNL Fire Department, with some of the officers and members of the Lab's Fire Rescue team.

# New Red Lights And Sirens at BNL

It may have been a foggy morning, but it was still hard to miss the brand new fire truck that came through the main gate of the Lab last Thursday.

Firefighters and other employees of the Lab's Protection Division (LP), including LP Manager John Amabile, stood in the driveway of the on-site firehouse waiting for the truck to pull around the corner.

With a big smile on his face, BNL Fire Chief Charles LaSalla said, "This is a great moment for firefighting at the Laboratory. This combination ladder and pumper truck will allow us to provide superior protection for everyone on our site, be less dependent on our neighboring fire departments, and greatly improve our response time. I am grateful for the support of Lab management and the Department of Energy, and I am proud to be the chief of the Lab's fire department at a defining moment such as this."

This new truck, made by Pierce Manufacturing Company in Wisconsin, is the first ladder truck the Lab has ever owned and has been appropriately named "Ladder 1."

The new arrival was the result of research and discussion by a committee formed in January 2009. After 10 months of research and fire truck demonstrations, the committee — chaired by Fire Captain Marcel Rosenfeld with members Timothy Devine, William Peterson, Gary Schaum, and James Schmidt, all of the LP Division — made recommendations to Lab management and DOE for the purchase of a combination ladder-pumper truck. Once the purchase was approved by DOE, the committee worked with the manufacturer on detailed specifications. The final result — a brand new combination ladder-pumper truck — has been added to the Lab's fleet of fire and emergency response vehicles.

"Safety is of utmost importance to all of us," said Michael Holland, DOE manager of the Brookhaven site. "After careful

review, DOE made the decision to fund the purchase of this new fire truck, which will greatly enhance the safety of our staff, visitors, firefighters, and protect our facilities. I commend everyone involved in this project. They did a spectacular job of selecting the apparatus that will provide the highest level of protection for the Lab."

"There were many considerations," said Rosenfeld. "We gave a lot of thought to which specifications would work best for BNL. For example, this new truck will allow our fire rescue group to reach elevations up to 95 feet. Previously, we needed five firefighters holding a ladder to reach 32 feet. This is important since many of our buildings, including the Research Support Building and the Center for Functional Nanomaterials, are two or more stories tall. This new truck will greatly improve our firefighting and rescue capabilities."

In addition, the new truck, which meets all current National Fire Protection Association codes, will enhance confined space and excavation rescues. It also meets the new environmental standards for diesel fuel.

Other safety protection enhancements include cameras on the truck that allow the driver to view every angle before operating the truck or its components, and a "black box" that records every task executed.

In the next few weeks, representatives from Pierce Manufacturing Company will visit the Lab to provide the firefighters with hands-on training.

"This is part of modernizing our Laboratory," said Assistant Laboratory Director for Facilities and Operations Lanny Bates, "When I got a close-up view of the truck, controls, and equipment, I was also reminded of how highly skilled our firefighters are in protecting our current and future assets. I applaud their dedication to their profession and their commitment to safety."

— Jane Koropsak

## Benefits Open Enrollment Continues Until 11/22

For more information, visit <http://www.bnl.gov/hr/Benefits/OpenEnrollment.asp>.

## New BERA Fitness Class Schedules

BERA fitness classes make staying in shape easy. Make checks payable to BERA and send to the Recreation Office (Bldg. 400A).

- **Aqua Aerobics:** Eight-week session, Tuesdays and Thursdays from 5:30 to 6:30 p.m. at the pool (Bldg. 478). Classes started November 4 and run until January 20. \$25/1x per week, \$50/2x per week.
- **Pilates:** Eight-week session, Wednesdays 5:30–6:30 p.m. at the Rec Hall (Bldg. 317). Classes run from November 10 until January 19. \$70.
- **Zumba:** Eight-week session, Tuesdays from noon until 1 p.m. at the gym (Bldg. 461). Classes begin on November 9 and run until January 11. \$80.
- **Aqua Therapy for Active Seniors:** Eight-week session, Wednesdays from 9 until 10 a.m. at the pool (Bldg. 478). Classes started November 3 and run until December 22. \$40.

## CALENDAR

Friday, 11/5

**Brown-Bag Lunch on Solar Farm**  
Noon-1 p.m. Hamilton Room, Bldg. 555. All are welcome.

## WEEK OF 11/8

Tuesday, 11/9

**Remembering Pavel Rehak: Talks**  
1:30-5:30 p.m. Large Conference Room, Bldg. 510. See <http://www.bnl.gov/pavelrehak/>.

Wednesday, 11/10

**\*Honoring Veterans Day**  
Noon. Flag at Brookhaven Center. Brookhaven Veterans Association will hold a brief service. All are welcome. p.4.

Thursday, 11/11

**Lab Closed to Honor Veterans Day**  
(No Bulletin this week.)

Friday, 11/12

**BrookhavenSphere/ITD Seminar**  
11 a.m. Conference Room, Bldg. 490. Victor Skormin, Binghamton University, will talk on "Emulation of Active Immune Response in a Computer Network," also on STIXNET, a virus. <https://brookhavensphere.bnl.gov/wiki/index.php/>.

## WEEK OF 11/15

Tuesday, 11/16

**Voyage: Northwest Passage**  
Noon. Berkner Hall. Retiree Eric Forsyth will show a video of his 11-month cruise through the Northwest Passage and beyond. All are welcome.

**BNL Colloquium on JACoW**

4 p.m. Berkner Hall. John Poole of CERN, Switzerland, will talk on "The JACoW Collaboration: Creator of the Accelerator Community's Open Archive." All are welcome. See The Bulletin, 10/29/2010, p.1.

Wednesday, 11/17

**\*BSA Noon Recital**  
Noon. Berkner Hall. Sponsored by BSA, Stony Brook Opera will perform. Free, open to the public. Visitors to the Lab of 16 and older must carry a photo I.D.

**\*463rd Brookhaven Lecture**  
4 p.m. Berkner Hall. Joseph Indusi, Nonproliferation & National Security Department, will talk on "It's No Secret: Fifty-eight Years of National Security Programs at BNL." See pg. 1.

Thursday, 11/18

**Benefits Office Hosts Benefits Fair**  
11a.m.-2 p.m. Bldg. 400 lobby. Reps from health, insurance, and finance organizations used by Lab explain programs.

## —WEEK OF 11/22—

Monday, 11/22

**\*Employee Art & Crafts Fall Show**  
11:45 a.m.-1 p.m., 5-7 p.m. Berkner Hall, Room B.

**IBEW Meeting**  
6 p.m. Centereach Knights of Columbus Hall, 41 Horseblock Rd., Centereach. A meeting for shift workers will be held at 3 p.m. in the union office. The agenda includes regular business, committee reports, and the president's report.



Joseph Rubinov D386599

### Honoring Veterans Day, 11/10

To honor Veterans Day, the Brookhaven Veterans Association will hold a brief memorial service at noon on Wednesday, November 10, beneath the flag pole at the Brookhaven Center. Lab retiree Walter Sorenson, a WWII Veteran who was inducted at Camp Upton, will be a guest of honor. All are welcome.

### Classified Advertisements

#### Placement Notices

Access many more current job openings at [www.bnl.gov/HR/jobs](http://www.bnl.gov/HR/jobs) and see also <http://www.bnl.gov/HR/careers/>. To apply for a position, go to [www.bnl.gov](http://www.bnl.gov). Select "Job Opportunities," then Search Job List."

OPEN RECRUITMENT – Opportunities for Lab employees and outside candidates.

POSTDOCTORAL RESEARCH ASSOCIATE - High Energy Theory (5893) - The High Energy Theory Group may have a post-doctoral position available beginning on or around October 1, 2011. The group has active programs in all areas of Particle Physics, including Standard Model and beyond, and lattice gauge techniques. Requires a Ph.D. in Theoretical Elementary Particle Physics. In addition to an electronic application, please arrange to have three letters of recommendation sent to: [nkelly@bnl.gov](mailto:nkelly@bnl.gov) and cc [soni@bnl.gov](mailto:soni@bnl.gov). Application deadline: December 15, 2010. BNL policy states that Research Associate appointments may be made to those who have received their doctoral degrees within the past five years. BNL is an Affirmative Action/Equal Opportunity Employer committed to the development of a diverse workforce. Please apply to Job ID#15556.

#### Motor Vehicles & Supplies

06 KAWASAKI NINJA ZX-10R – 16.5K mi. Power Commander, Akrapovic exh. USD on maint. \$3,500. Debbie, [dsnyder@bnl.gov](mailto:dsnyder@bnl.gov).  
06 HONDA ACCORD GXL – 61K mi. Heated seats, leather, multi-CD. \$12,950. 516-443-1043.  
05 FORD FOCUS ZX4 – 38K mi. Red, 2.0L 4dr a/c, rem start, excl. cond. \$7,500 neg. Jim, Ext. 2765 or [newburgh@bnl.gov](mailto:newburgh@bnl.gov).  
03 HYUNDAI SANTA FE LX – 97K mi. 2.7L, white, awd, a/t, cd changer, m/roof, seat heatr, new tires. \$7,000 neg. Ext. 2163.  
01 CHEVY PICKUP S-10 – 98.3K mi. 3-dr ext cab w/4cyl flex fuel 2.2L eng. a/t, a/c, cd, hitch. Excel. \$4,950 neg. Kim, Ext. 2896.  
00 SUBARU IMPREZA - Outback Sport, 125K mi. a/t, awd, p/l p/w, a/c, cd, c/c, rem ent, dual bike rck, \$3,500. Ext. 2091.  
00 MAZDA MIATA – 75K mi. 2000 LS (leather bose etc). \$6,900. Paul, Ext. 7178.  
99 VW CABRIO – 76K mi. well maintd, new timg belt, 6CD, leather, runs well, no accidents. \$4,500 neg. 775-0828.  
97 ACURA INTEGRA LS 4D – 96K mi. gd cond, a/t, m/roof, power locks, windows, new tires/brakes. \$3,500 neg. 879-5263.  
97 TOYOTA COROLLA CE – 89K mi. 1.6L, a/c, p/w, p/l, am/fm/cass, new brake & muffler flex, eng tuned, \$2,750 neg. 375-3969.  
74 VW BEETLE – blk/gray, totally renov, incl all new paint job/interior/eng, excel cond, pics avail. \$6,600. Ext. 2913.  
19" BMW WHEELS – Linea Corse Dyna pol. 19x8.5 et30, 19x10 et37. 235/35 fr275/30 rr Hankook Ventus V12 Evo tires. Fits 2006+ 3 series. \$1100. Ext. 3970.  
BF GDRICH TRACTION T/A – 205/55 16" - one tire. Like new. \$40. [mwahlert@bnl.gov](mailto:mwahlert@bnl.gov).  
TIRES – Two Pirelli P6 Four Season 205-55-16. \$120/pr. Mike, 428-4149.

#### Furnishings & Appliances

CLOTHES RACK – in Chrome w/beige cloth protective cover/\$20. Pics available. Nina, Ext. 5894, 475-1297.  
COUCH – 80", soft green print, perfect cond, \$150, pics avail. Pam, Ext. 3097.  
COUCH, LOVESEAT & TABLES – multi-colored, cranberry and brown, pics available, \$750. Rhonda, 516-443-1043.

DESK – Gray, melamine, 30"x45"w. Two drawers (one for files) on left side. Ask \$50. pics. [gacks51@hotmail.com](mailto:gacks51@hotmail.com). 821-2507.  
DINING RM TABLE – Birch wood tbl top w/ blue washed legs, 18" leaf, 4 mtchg chrs. Seats 4-6. Must sell. \$125 neg. Ext. 5960.  
END TABLES – 2, Wood trim w/glass. Black metal legs, wood shelf. Nat. wood color. \$45 for set. [mjones@bnl.gov](mailto:mjones@bnl.gov).  
FILING UNIT – Open for easy filing/movable on wheels \$20. pics avail. 475-1297.  
FREEZER CHEST - lge, Kenmore, \$175. Glider rocker, maple chair, \$200. Laurie, 516-740-8418 or [lcade@uspsports.com](mailto:lcade@uspsports.com).  
GEN TRAN – One 60amp 6 circuit, new in box, pd/\$400, ask/\$350, Bill, 365-7192.  
LAMPS – Two l/r lamps, excel cond, Blck w/gold trim, tan shade. Photo avail. \$25/set. Will bring to Lab. [mjones@bnl.gov](mailto:mjones@bnl.gov).  
LCD 1080HDTV – 42" from Insignia, ask/\$550/o. Ext. 3387, [abagaria@bnl.gov](mailto:abagaria@bnl.gov).  
PORTABLE WASHING MACHINE – GE, connects directly to sink faucet. Has wheels rolls well. \$350/neg. 708-4778.  
SEWING MACHINE – Brother-Project Runway, new, bought for \$140 ask \$100/o. Ext. 3387.

#### Audio, Video & Computers

BANDPASS SUBWOOF BOX W/KICKERS – JBP1010w/2 Kicker Competition spkrs. \$100. Jim, Ext. 7460, [milligan@bnl.gov](mailto:milligan@bnl.gov).  
BOSE WAVE MUSIC SYSTEM – w/Multi-CD changer. Still in box. New \$750, ask \$500. Mark, Ext. 3970 or [mwahlert@bnl.gov](mailto:mwahlert@bnl.gov).  
CAMCORDER – Samsung SC-DX205 Hybrid DVD & Flash Mem. C/corder w/34x Opt Zoom, excel cond. \$85/neg. 344-4290.  
DELL DIMENSION 2400 – Desktop, no screen. Fresh XP Home install, OpenOffice. 2.66GHz P4, 1.25GB RAM, 80GB HD. \$150. Ext. 3970.  
FLAT SCREEN MONITOR – 17" LCD Norcent Mon, \$50, Lexmark 3200 Printer, \$50, Speakers, \$10. Donna, Ext. 2716.  
FLAT SCREEN MONITOR 15 – DCLCD VLC Universe. Works well. \$50 or best offer. Ruth, Ext. 3545.  
PS 2 GUITAR HERO – Brand new still in box. \$60. Jo Ann, Ext. 7009, [reed@bnl.gov](mailto:reed@bnl.gov).

#### Sports, Hobbies & Pets

BASEBALL CARDS – Approx 50 albums/binders of collectors' cards, all cards mint. Please make an offer. 708-4778.  
BICYCLE INDOOR TRAINER – "Super Go" wind model. Grt. for winter training. You add bike. \$30. pic avail. Ext. 5669.  
BNL'S FERAL CATS – Help me get in touch w/the individuals who manage the feral cats on site. If you know one of the people who do this, please have them contact me, Thanks!. [tsummers@bnl.gov](mailto:tsummers@bnl.gov).  
MEN'S BIKE – Schwinn Omni 191 C5 RST men's bike, aluminum. Great cond. asking \$80. Ruth, Ext. 3545.  
PAINTBALL KIT – \$70 - Hard plastic case includes gun, hopper, 20 oz. CO2 can, oil, barrel, and cleaner. 718-838-0799.  
PRO PHOTO BACKPACK – Think Tank Rotation360. Like new. w/rain cover, padding inserts. mint. \$225. Joe, Ext. 3584.  
SKI BOOTS, SKIS – Women/Jr boots: Lange Comp70 - sizes 7, 8.5, 10, \$30/ea. Skis: Fischer Airstyle( 137 cm); Elan (152 cm), \$30/each (without bindings). Eli, Ext. 7179.  
SURFBOARD – Natures Shapes, 6'8" Quad Fish, Model Q82, cust epoxy, new cond, pics, ask \$325. [sbronson@bnl.gov](mailto:sbronson@bnl.gov).

#### Tools, House & Garden

HOT TUB – SPA – 355 gals 24 jets, 6'8" x7'9"x33"H, Hot Springs Sov., jade int, everwood ext, fully maint, \$2,000 neg. 871-0561.  
WOOD BURNING STOVE – Vermont Castings Vigilant, 1977, ~55,000 BTU/hr with screen. Old, works well. \$350. Ext. 4718.

## Hispanic Heritage Club Concert: Yvette Malavet-Blum, 11/18

Songs from *West Side Story*, Spanish and Spanish Art songs, bossa nova, and jazz classics from *The Great American Songbook* will all be part of the mix BNL employee and cabaret singer Yvette Malavet-Blum will feature in a concert to be held in Berkner Hall at noon, on Thursday, November 18. Robert Boutcher will accompany Malavet-Blum on piano and guitar.

Called "Time Together with Time to Spare," the performance is sponsored by the BERA Hispanic Heritage Club at BNL to attract new members. The BNL community and members of the general public are invited to attend the free concert. Visitors to the Laboratory age 16 and over must bring a photo ID.

Malavet-Blum, an administrative secretary in the Energy Sciences & Technology Department, has performed at numerous BNL events, community theaters, and



Michael Herbert D481010

Robert Boutcher and Yvette Malavet-Blum

libraries. She first performed at the Lab in 2002 when Brookhaven Science Associates sponsored her concert called "Dreams Do Come True" on Valentine's Day. Since then, she developed a show called "Latin Rhythms," which she has

performed in numerous Long Island venues, including BNL. Her current show is fairly new and has been well received at the Connetquot, Rogers Memorial, North Shore, Northport, Syosset, and Port Washington public libraries.

"We've invited parents of the Hispanic Heritage Club's scholarship winners to the performance," Malavet-Blum, who is the club's Executive Corresponding Secretary, said: "Since 2007, we've been awarding scholarships to high school students who are academically outstanding and have some Hispanic ancestry."

Any member of the BNL/BSA/DOE community is invited to become a member of the BERA

Hispanic Heritage Club at BNL, which fosters awareness and aesthetic appreciation of Hispanic culture. For more information, see the club's website: <http://www.bnl.gov/bera/activities/hispanic/>. — Diane Greenberg

#### Miscellaneous

BLACK BOOTS – Trendy, size 7. Ask for pic. \$15. Never worn. 475-1297.  
CELL PHONES – AT&T Samsung Propel and LG Shine. Each used about 1 year. Gd cond. \$50 ea. Ext. 2716, 878-2425.  
JEWELRY – handmade: earrings, necklaces, pins, \$5 to \$10. Also polar bear jingle-bell ornaments, \$3 ea. Ext. 7114.  
MAN LEATHER DRESS JACKET – Sz 48R, Soft black jacket, wear w/suit & tie, like new, \$100, or b/o. Yvette, Ext. 5591.  
TICKETS – CARRIE UNDERWOOD – Nassau Coliseum, Fri 11-5, sect 104, row B, seats 1&2. \$140/pr. 516-527-4902.

#### Community Involvement

MEDFORD – end of yr blow out Yard Sale, grt items. Nov 13, 8-4 @ Feed My Sheep MBC, 495 Granny Road. Adrienne, Ext. 7525.  
THANKSGIVING FOOD DRIVE – To benefit local soup kitchen. Needed: canned veg, inst potatoes, stuffing, gravy, cranberry sauce, mac & cheese, rolls, dessert, turkey coupons, gift cards, etc. [jenn@bnl.gov](mailto:jenn@bnl.gov).

#### Happenings

ANNIE – Riverhead Faculty & Community Theatre presents the musical, *Annie*, Nov 12,13,19, 20 @ 8 p.m., & 14 @2 p.m., at Riverhead High Sch, Harrison Av. Proceeds to Scholarship Fund. Call/e-mail for tickets at discount! Glenn, 344-7477 or [abramowi@bnl.gov](mailto:abramowi@bnl.gov).

#### Wanted

BABYSITTER FOR INFANT – Seeking Nanny for care of my infant son. Experience as a nurse or midwife preferred. 917-656-4125, [mcooper517@yahoo.com](mailto:mcooper517@yahoo.com).  
DONATION OF BASKETS – Baskets of all shapes and sizes in decent shape needed for Shoreham-Wading River High School Junior Class Auction - Every basket helps - THANKS. Patricia, Ext. 4628.  
DONATIONS FOR UNITED WAY – HOLIDAY BOUTIQUE Again this year, ITD will be collecting NEW & GENTLY USED jewelry and accessories to be sold at the Holiday Auction & Yard Sale on December 8th & 9th at Berkner Hall. PLEASE DONATE: Necklaces – Sunglasses - Earrings – Rings – Watches - Bracelets - Pocketbooks, etc. Please bring your NEW & GENTLY USED donations to Alexa McGill in Bldg. 515, Room 2-35, before December 3. Alexa, Ext. 5555.  
HALLOWEEN CANDY – BVA-Adopt a Platoon will gladly accept leftover wrapped candy to send to our platoon and family members stationed in Afghanistan. Joanne, Ext. 8481.  
MBR FURNITURE & COFFEE TABLE – Lookg for master bdrm set - country style, excel cond. [slattuca@bnl.gov](mailto:slattuca@bnl.gov).  
MONETARY DONATIONS – BVA-Adopt a Platoon gratefully accepts donations towards postage for shipments and to support our troops. Thank you! Joanne, Ext. 8481 or [jrula@bnl.gov](mailto:jrula@bnl.gov).

#### Lost & Found

RING – Texas A&M class ring. Joseph, Ext. 3260 or [jdenning@bnl.gov](mailto:jdenning@bnl.gov).

#### For Rent

KISSIMMEE, FL – T/share, Orange Lake Country Club. 2 bdrm Villa, sleeps 8. Full Kit, 2 full baths, W/D, on-site pools, Sun-to-Sun, 4 mi to Disney. \$1,000/wk. Ruth, Ext. 3545.

## Watch Out for Deer on the Road

On-site drivers: Take extra care in watching out for deer — especially around sunset, when deer become more active. Once daylight saving time ends this Sunday, November 7, twilight will begin at about 4 p.m., just before people start leaving for home. Further, construction of the Long Island Solar Farm on the southeast corner of the site will result in additional deer movement.

In 2009, there were 13 deer-related collisions at BNL, compared to three in 2007 and 2008, according to the Environment, Safety & Health (ES&H) Directorate. The Lab has an estimated 450 deer on its 5,265 acres.

ES&H urges everyone to drive cautiously, slow down, and consider deer as a potential danger. That docile animal grazing along the shoulder may suddenly bolt across the road. If you see one deer crossing the road, you can count on at least one more behind it, and perhaps several others about to follow.



Roger Stoutenburgh D180705

ORLANDO, FL – T/share: \$350 or best offer for 7 days in Hawaii, FL, AZ, or SC. Call for availability. Must be used by end of Dec 2010. \$350/wk neg. 475-1297.  
BAYPORT – Grt. S. Bay area, 2,300 sq. ft. ranch, approx. 1 acre, priv., wooded, 3 bdrm, 2+half ba, den, lr/dr, kit, util rm, scrnd porch, carport, excel schls. \$2,300/mo. or \$585,000. 617-332-6264.  
BELLPORT VILLAGE – 1 Bdrm Upstairs Apt in 2-fam home; carpet; lr/kit/combo; Prvt Ent & drwvy; no smkg or pets; incl utils incl.; 1 mo sec. \$1,050/mo. 275-0745.  
CENTER MORICHES – Waterview. One-bdrm apt. Sing occup, no smkg, no pets. All new carpeting, new kit applis, new bthrm. \$1,250/mo. Kenny, 831-4500.  
HOLTSVILLE – 1 bdrm apt, lge kit, no smkg/pets, 1 mo sec, avail. November 15, utils. incl. 15 mins to Lab. \$850/mo. 289-9727.  
RIDGE – Cape style house nr Wm. Floyd Pkwy., 3 bdrm., 2 baths, l/r, eik, d/r, office, w/d, d/w, 1 car gar., fenced yd., Longwood SD, avail. 12/1. \$1,895/mo. 886-1545.  
SUGARBUSH SKI RESORT, VT – 1 bdrm condo, slps 4, loc base of S/bush [www.sugarbush.com](http://www.sugarbush.com), 10% rebate after stay, rates depend on time of yr. Colleen, Ext. 4919.

**For Sale**  
BAYPORT – Grt. S. Bay area, 2,300 sq. ft. ranch, approx. 1 acre, priv., wooded, 3 bdrm, 2+half ba, den, lr/dr, kit, util rm, scrnd porch, carport, excel schls. \$585,000 or \$2,300/mo. 617-332-6264.

MIDDLE ISLAND – Fairview Condominium, 2-bdrm, one and half renovated baths, new windows. 10 min. to Lab. \$159,900. Donna, 205-5300.  
RIDGE – 3 bdrm ranch, 2 baths, eik, lr, den, full bsmt, 1-car garage, large deck, 5 mins to BNL. \$255,000 neg. Ext. 4309, 924-0818.  
ROCKY POINT – 10 rms, 4 bdrms, 3 bath, eik w/granite cntrotps, l/r w/tp & wet bar, d/r, fin bsmt, a/c, 2-car gar, 42x12' deck, igp, igs, 0.92 acres. \$455,000 neg. 742-7053.  
SHELTER ISLAND – 3 bdrm., 2 bath, mother-daughter home w/studio w/sep. entr & bath. Screened porch, hot tub, 1/2 acre, nr beach/pond. \$675,000 neg. 749-2051.  
SHIRLEY – 436 Lockwood Dr. Newly renov Col., 4 Bdrm, 3 Full Bath, IGP, hardwd flrs, new applis, 2car gar, ½ acre, Longwood SD, \$329,990. 516-383-7006.  
SMITHTOWN – newly renov home, chef's kit, cac, 3 bdrm, 2.5 bath, great rm w/woodbrng stove, 1/2 acre, 2.5 gar, walk parks, RR & town, \$550,000. 516-582-3684.

#### On-Site Service Station

The on-site service station, under new management since early this year, provides gas, oil changes, all sorts of vehicle maintenance and repairs, and New York State inspections, all conveniently while you are at work. Specialty services such as windshields and collector car service are also available. Call to schedule an appointment, Ext. 4034.