Vol. 63 - No. 39 November 6, 2009



Physicist Stasto Honored with DOE Award and Sloan Fellowship

Anna Stasto, a research associate in the Physics Department from 2004 to 2006 and currently a fellow with the RIKEN-BNL Research Center, has received DOE's Outstanding Junior Investigator Award for her research in nuclear physics. This year, only three researchers in nuclear physics received the honor, which recognizes scientific achievement in the fields of particle and nuclear physics. The \$300,000 award supports Stasto's research for three years.

But good news sometimes comes in twos. Earlier this year, Stasto was awarded an Alfred P. Sloan Research Fellowship in recognition of her research as a young scientist engaged in cutting-edge research. Currently, the Sloan Foundation gives the \$50,000 two-year fellowship to a total of 118 fellowships in a variety of scientific fields.

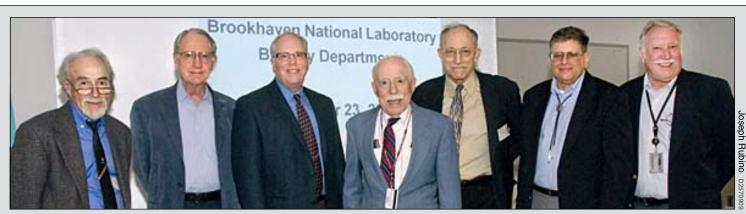
"I am happy that my research has been recognized and very honored that I have joined the elite group of scientists who have received these awards," Stasto said.

Stasto's research is focused on quantum chromodynamics, a theory that describes the interactions of subatomic particles. In particular, Stasto investigates the properties of the strong interactions of these particles at the limit of high energies and densities. When two strongly interacting particles, such as hadrons, or nuclei at high energy, collide, theorists expect a high number of partons — the building blocks of hadrons — to be involved.

Stasto analyzes how these partons behave and interact when their densities are very large, looking for any novel phenomena that might occur. She is also interested in determining the potential signatures of novel phenomena that may be observed in experiments. This theoretical work is especially relevant for the Relativistic Heavy Ion Collider, as the accelerator collides highly energetic heavy nuclei and protons, and creates a system with a very high number of partons.

In the past, Stasto's research involved deep-inelastic scattering of electrons on protons, a process that was investigated experimentally at the Hadron Electron Ring Accelerator in Germany. The results of he theoretical analyses have been...

See **Stasto** on pg. 2



Speakers at the Biology Department's Celebration Symposium joining the guest of honor, Richard Setlow (center), are: (from left) Peter Setlow, Philip Hanawalt, Daniel Yarosh, Arthur Grollman, Kenneth Kraemer, and Carl Anderson, who gave the introductions. Speakers unavailable for the photo are Joanna Fowler, Nicholas Samios and Avril Woodhead.

Richard Setlow Honored at Celebration Symposium

Colleagues, friends and family honored Richard Setlow, Senior Biophysicist Emeritus, at a "celebration symposium" sponsored by the Biology Department on September 23, the date he received his 35th BNL Anniversary Award. The Biology Seminar Room was filled with laughter and applause, as invited speakers shared humorous stories and inspirational reminiscences of Setlow's work and life.

Setlow joined BNL's Biology Department in 1974 after working as a biology research staff member at Oak Ridge National Laboratory (ORNL) since 1961. In 1979, he was named chair of Biology, and in 1986, he became the Associate Laboratory Director (ALD) for Life Sciences, a position he held until he returned to full-time research in 1998. He retired in 1999, while still continuing to perform research until last year.

Setlow is known internationally for his research on DNA damage and repair. In the 1960s, Setlow and colleagues discovered that DNA defects caused by ultraviolet light lead to biological damage. He showed that cellular enzymes could repair these defects in normal bacterial cells. His groundbreaking research led to much interest in the topic, since some genetic diseases and cancer can result from deficiencies in DNA repair.

In the 1990s, Setlow and his colleagues found that all ultraviolet wavelengths of sunlight cause malignant melanoma, contrary to the popular belief that only short ultraviolet light wavelengths were potentially harmful. Soon after, sunscreens were formulated to protect against both UVA and UVB rays.

Early Years

After a brief introduction, in

which Biology Chair Carl Anderson praised Setlow for his 35 years of distinguished research and administration at BNL, he introduced the speakers. First to speak was Philip Hanawalt, professor of biological sciences at Stanford University, who was one of Setlow's first graduate students at Yale University in the 1950s. He noted that Setlow steered him in "his life-long career direction." Setlow had received a bachelor's degree from Swathmore in 1941 and a Ph.D. from Yale in 1947. He taught physics and biophysics at Yale before joining ORNL.

Daniel Yarosh, vice president of basic research at Estée Lauder™, was a postdoctoral fellow mentored by Setlow at BNL in 1979 to 1980. He spoke about Setlow's calm attitude in the face of critics, and said he learned to have that confidence in his own work from Setlow.

A Wide Influence

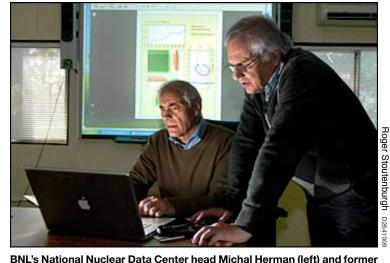
Kenneth Kraemer, senior investigator and head of the DNA Repair Section at the National Institutes of Health, gave a brief history of DNA repair, showing video clips of Setlow speaking about his research on June 20, 2000.

Arthur Grollman, founding chair of the Pharmacology Department at Stony Brook University, quoted extensively from a graduate student who praised Setlow as a mentor. She said that Setlow taught her "how to think." Grollman remarked that while Setlow is known for "great science," he has done even "greater things" by passing on his knowledge and wisdom to the next generation.

BNL Memories

Nicholas Samios, BNL Distinguished Senior Scientist and...

See Setlow on pg. 2



head Pavel Oblozinsky discuss the data at the Center's office at the Lab.

Collaborative Project Will Improve Nuclear Reactor Simulations

A collaboration between BNL and Idaho National Laboratory (INL) will improve the way scientists model the inner workings of nuclear reactors. The DOE Office of Science is funding the research to develop more accurate reactor simulations, leading to better, more efficient reactors.

Scientists will use data from experiments already performed at nuclear facilities around the world to test and calibrate their models of nuclear reactions at the atomic level. This will allow them to integrate data from the meter scale with outcomes on the scale of the femtometer (1 quadrillionth of a meter). Scientists Michal Herman, Pavel Oblozinsky, and Marco Pigni of BNL's National Nuclear

Data Center (NNDC) will use advanced modeling at the nuclear physics (femtometer) level, while INL researchers will take charge at the meter scale. Feeding off each other, the two groups will test the simulations they develop against information from actual experiments.

"The project represents a real novelty but also considerable challenges in how to achieve direct coupling of two vastly different worlds: microscopic nuclear physics and bulk reactor integral experiments," said former NNDC head Oblozinsky.

"What we are talking about is the direct link between these two worlds, with a possibility to establish microscopic nuclear...

See **Simulations** on pg. 2

Brookhaven Lab Honored With Sloan Award For Business Excellence in Workplace Flexibility

BNL has been selected as a winner of the 2009 Alfred P. Sloan Award for Business Excellence in Workplace Flexibility on Long Island. The award recognizes employers on Long Island who successfully use workplace flexibility to meet both organizational and employee goals.

The National Association of Mothers' Centers, the local award sponsor, will honor BNL, along with nine additional winners of the Sloan Award on Long Island at the 14th Annual Work/Life Conference at the Crest Hollow Country Club in Woodbury today, November 6.

"We recognize the importance of supporting a balanced work-family life in order to attract and retain the most talented individuals to a highly trained and specialized workforce," said Susan Foster, the Lab's Employee Relations Manager. "We review our human resources policies and the Laboratory's working environment continually to be sure we are being responsive to employees' needs."

Established in 1947, BNL is home to seven Nobel Prizes and is internationally known for excellence in basic and applied scientific research. The Lab has many family-oriented programs to support and encourage a balance of work and family life. Several options of flexible schedules are available to employees, along with an on-site



Susan Foster, BNL's Employee Relations Manager

Child Development Center that provides day care for infants and preschool children; an on-site summer camp; an adoption assistance program; excellent employee benefits, including same-sex domestic partner benefits; an on-site employee assistance program; wellness programs; a scholarship program for children of employees; and very active recreation programs, including on-site exercise facilities, tennis courts, and swimming pool.

The Sloan Award is sponsored by the When Work Works project, an initiative of the Families and Work Institute, a nonprofit, nonpartisan research organization that studies the changing workforce, family and community; the...

See **Flexibility** on pg. 2

Simulations from pg. 1

...physics parameters by analyzing integral experiments," Oblozinsky continued. "This has never been done before, not in such a direct manner. This is the most exciting aspect of the project. We believe that the current level of microscopic nuclear reaction physics modeling, combined with huge progress in computer technology, makes this direct coupling possible, but it remains to be shown how it would actually work."

The NNDC will make use of the advanced nuclear reaction code system EMPIRE to model interaction of neutrons with

nuclei of interest to the reaction community. EMPIRE collects all relevant nuclear reaction mechanisms and procedures needed for creating evaluated files along with the respective covariances and sensitivity matrices. Herman said that these unique features, together with the evaluation expertise available at the NNDC, provide for a perfect match to the nuclear data adjustment capabilities existing at INL.

The project, which began on October 1, received funding of \$1.05 million over three years through the American Recovery and Reinvestment Act.

at the Polish Academy of Science

and the University of Durham in

the United Kingdom in 1999. In

2005, she earned habilitation in

theoretical physics. Habilitation

is the highest academic creden-

tial given in many European and

toral fellow at the University

of Florence, Italy, and DESY, a

national center for photon sci-

ence and particle physics research

in Hamburg, Germany, Stasto

joined BNL as a research associ-

ate in the Physics Department

in 2006. In 2008, she became

Assistant Professor in the Depart-

ment of Physics at Pennsylvania

State University, while retaining

a joint RIKEN-BNL position at the

After working as a postdoc-

Asian countries.

- Kay Cordtz

Stasto from pg. 1

...applied successfully to a variety of subjects in particle physics, including structure-function studies of protons, and the production of heavy quarks and jets of particles. She also studied the mechanisms of the production of neutrinos and the propagation of neutrinos through the Earth.

In the future, Stasto plans to focus her research on theoretical descriptions of the processes that will take place at the Large Hadron Collider at CERN, Swtizerland, which will be the world's most powerful particle accelerator when it goes online.

Stasto earned a master's degree in physics at Jagiellonian University in Poland in 1996 and a joint Ph.D. in theoretical physics

Laboratory. — Diane Greenberg Flexibility from pg. 1

...Institute for a Competitive Workforce, an affiliate of the U.S. Chamber of Commerce; and the Twiga Foundation, which promotes a family consciousness at home, in the workplace and in the community.

Applicants for the award were evaluated in a rigorous two-step process, first comparing the

employer's application to nationally representative data from the Families and Work Institute's National Study of Employers. If the applicant places in the top 20 percent — at or above the 80th percentile of employers nationally — the institute proceeds to the next step, an employee survey to corroborate the employer

Setlow from pg. 1

...director of the RIKEN BNL Research Center, was the Laboratory Director during much of the time that Setlow was the Life Sciences ALD. Their careers intersected earlier also, when they were both department chairs. Samios recalled their interactions as administrators with fondness, praising Setlow as an exceptional "administrator, scientist and educator" who could "lead, listen and gauge excellence."

Joanna Fowler, a senior chemist in the Medical Department and director of BNL's Radiotracer Chemistry, instrumentation & Biological Imaging Program, said she admired Setlow because he has always been "very supportive of science and scientists" and "never compromised quality" in research. Also, he is a "kind, generous and good friend."

Avril Woodhead, who worked with Setlow for 25 years before joining the Information Services Division as a senior writer/editor, recalled that being part of Setlow's team was both fun and inspiring. She spoke of the many hot summers and cold winters spent in the Biology greenhouses tending to the fish that Setlow and his colleagues used for his experiments. One of their most important findings came about accidently. They forgot to cover the fish tanks exposed to UV light, and they discovered later that UVA wavelengths were

important in melanoma development.

responses. — Diane Greenberg

Thinking about the "mistake," Woodhead remarked that one of Setlow's rules was to "never blame anyone for a mistake." Also, she recalled that despite a steady stream of visitors, Setlow always had time to help his students and postdoctoral fellows.

Setlow's son, Peter Setlow, professor of molecular, microbial and structural biology at the University of Connecticut Health Center, had more personal reminiscences of his father, recalling that Setlow had many interests besides science. in fact, in his younger years, he was an excellent athlete, an actor in community theater, and a volunteer at a camp for physically disabled adults. He said he admired his father for the way he thought of unique solutions to problems, not just as a scientist, but also in daily life.

After the formal presentations, John Sutherland and Bill Studier, both of Biology, spoke briefly to the audience about Setlow's important influence on them. Studier remembered that Setlow was a "great teacher in the lecture courses" at the time he was an undergraduate at Yale.

Laboratory Director Sam Aronson presented Setlow with his 35-year anniversary certificate and gift, and Setlow thanked the audience for their kind words and laughter.

Diane Greenberg



Standing on the front steps of the recently refurbished veterans group home in Shirley are (from left) John Lynch and Wilkens Young, Suffolk County United Veterans; Mike Paquette, Scott Bradley, Dennis Ryan, Peter Palamidis, and Don Farnam, Brookhaven Veterans Association.

Vets Helping Vets

BNL's Veterans Association volunteers to refurbish veteran housing

U.S. Army veteran John Lynch decided to organize a reunion with comrades he served with during the Vietnam War. What he found surprised and then motivated him to establish the not-for-profit organization, Suffolk County United Veterans (SCUV).

"I was hoping for a reunion, but when I started searching for my soldier friends I found that some of them were homeless," Lynch said. "One comrade in particular had really fallen on hard times. He was living on the street looking through dumpsters for food and clothing. I couldn't walk away knowing there were probably many veterans out there needing assistance, so I formed Suffolk County United Veterans to help supply housing, education, and employment for homeless veterans."

When you meet veteran Wilkens Young, director of operations for the SCUV, you might not suspect that behind his broad smile, he was once a veteran who came upon hard times, including being homeless. Young said that without the help of the SCUV,

there is a strong possibility that he would still be unemployed and homeless. Young is just one of the organization's many success stories.

"The SCUV got me off the street, offered me educational opportunities and a job," Young said. "I worked hard to change my life around but I couldn't have done it without the support of John [Lynch] and the SCUV. The best way I can express my gratitude is to support other vets out there that need our help."

Scott Bradley of BNL's Information Technology Division, a member of the Brookhaven Veterans Association (BVA), has been volunteering for the SCUV for quite some time.

"In the past, BNL donated computers to the SCUV," Bradley said. "My BNL colleagues, Frank Burstein and A.J. Temprosa, offered to provide computer training, and Gary Jorgensen and Louie Nieves volunteered to put in telephone systems. When I

asked members of the BVA to volunteer to refurbish local veterans housing units, they jumped at the chance to help out. We have an unfathomable camaraderie."

To Honor Veterans' Day, 11/11

On Tuesday, November 10, the Brookhaven Veterans Association will hold a brief Memorial Service at noon beneath the flag at Brookhaven Center. All are welcome.

> First, the BVA volunteers put together a list of repairs needed and prioritized their importance.

"Without the help of BNLers like Ron Prwivo and Pat Zoccoli, the BVA would have had a tougher time fulfilling this mission," said BVA Commander Don Farnam. "The generosity of BNL employees never ceases to amaze me.'

The first place the BVA members started repairing and refurbishing was the Yaphank... See Vets Helping Vets on pg. 3

2009 BNL Art & Crafts Show, 11/23–11/25

Come see a different creative side of the people of the BNL community, at the annual Art and Crafts Show, which opens November 23. Among the exhibits will be work by Tiffany Bowman, Lloyd Nelson, and Mark Parsons.

One of the Lab's graphic designers in the Community, Education, Government, and Public Affairs Directorate, Tiffany Bowman earned a bachelor's degree in pottery and ceramics.

"Pottery gives me a chance to get my hands dirty, and I like the unpredictability of how a piece will look after it comes out of the kiln," Bowman explained.

She will display a selection of ceramic pieces she designed, sculpted, and finished.

Lloyd Nelson of DOE's Brookhaven Site Office (BHSO) has an associate degree in art and a bachelor's degree in engineering. While he relies more on the engineering background for his career, his interest in photography has continued.

"Photography is a way to artistically express what I see in nature," said Nelson.

Nelson's photographs will include one of the lighthouse in Portland, Maine.

Mark Parsons, also of BHSO, is a self-taught photographer who has been making photographs



From left, Tiffany Bowman, Mark Parsons, and Lloyd Nelson show some of their works that will be displayed at the upcoming Art and Crafts Show.

"on and off" for more than 40 years.

"I like to go places and find the places that people do not take the time to look at. I look for what no one else sees," he said.

One of Parsons' works at the show will be of Mission Carmel in California.

All are invited to attend this free show Monday - Wednesday, November 23-25, 11:45 a.m.-1:30 p.m. in Berkner Hall Room B. The BNL Art Club, which sponsors the show, will also host an opening reception on Monday, November 23, 5-7 p.m. The show is open to the public. Visitors to the Lab age 16 and older must bring photo ID.

Any BNLers who would like to display their art or crafts should e-mail Bob Chrien chrien@bnl. gov. Refer to page 4 of the October 23 Bulletin for additional information. — Joe Gettler

The Bulletin November 6, 2009

BNL's United Way Campaign Kicks Off 11/9 'A Passion for Discovery...A Passion for Giving'

This year's BNL United Way Campaign Chair, Carol Parnell, and Co-Chair, Sarah Mahler, welcome the opportunity to lead the Lab's Fund Drive for the United Way of Long Island. The United Way of Long Island supports 113 agencies and charitable foundations across Long Island, including large agencies like the American Red Cross Nassau

and Suffolk County and YMCA nity who have lost their jobs, are of Long Island, as well as small ones that do so much to help people in dire need. Currently, more than 165,000 Long Islanders live below the federal poverty level and suffer from a lack of basic necessities such as shelter, food, clothing, and heat.

Says Parnell, "There are many in our Long Island commu-

faced with uninsured medical bills, family crises, or are just getting by in this challenging economy. At some time in our lives, each of us will need or know someone who will need assistance. That is what United Way provides and our Lab is a major reason they are able to help others. Every year, BNL

employees give generously to this very worthwhile organization and there are many ways to help: volunteering your time, participating in the holiday auction and the fundraisers, and giving money using the pledge forms are all ways to get involved. We ask you to please join in this effort in whatever way you can."



Volunteer Days Program **Boosts BNL's United Way Fund**

The Volunteer Days Program to benefit BNL's United Way started on October 19. By participating, BNLers can help the United Way fundraising effort because for every hour volunteered until December 31, BSA will donate \$20 to BNL's Long Island United Way campaign, with a ceiling of \$10,000. All you do is fill out and submit the volunteer work receipt form found at http://intranet.bnl.gov/unitedway. Or, for information on volunteer opportunities, contact Volunteer Days Program Coordinator Patti Bender, Ext. 3145 or *pcb@bnl.gov*.

One of last year's volunteers was Glenn Abramowitz of the Site Services Division, who registered for 88 hours of volunteerism in the annual play performed at Riverhead High School to benefit student scholarships (see story at right).

Vets Helping Vets from pg. 2

...veterans housing location. The Yaphank location is usually the first stop for veterans to get off the street and find some clothes and food. From there, veterans can be placed in small group homes while they attend classes and look for employment.

At one group home in Shirley, BVA members John Bigrow and Pete Palamidis worked inside repairing the stairway and doing some electrical updates, while Mike Paquette, Dave Peter, and Dennis Ryan repaired the roof and chimney. That location is now home to four employed veterans.

"I am extraordinarily grateful

Dunking Booth Volunteers Needed

Right now, Bender is asking for volunteers to help with a dunking booth event to be held in late November.

Ways of Volunteering

BNLers volunteer in many ways as firefighters, in soup kitchens, church activities, Habitat for Humanity, to benefit handicapped children, mentoring, coaching, and as scout leaders. To encourage participation in a volunteer activity with supervisory approval, an employee may make a one-time request of an hour's work time to perform volunteer work. A minimum of two hours is necessary, one work hour, and one from your own time. Thereafter, you may volunteer as many hours as you wish on your own time.

for the volunteerism and support we received from Brookhaven Lab," said Lynch. "It is estimated that one in four homeless males are veterans. We work to get them shelter, medical attention, clothing, education, and employment, but above all, we work to regain their trust and let them know they are not forgotten."

For more information on the Brookhaven Veterans Association go to: http://www.bnl. gov/bera/activities/va/ or contact Don Farnam, Ext. 8248.

For more information on the Suffolk County United Veterans contact John Lynch, 631 924-8088, or www.scuv.org.

Jane Koropsak

LIANS Dinner Meeting, 11/17

At the next dinner meeting of the Long Island Chapter of the American Nuclear Society (LIANS), on Tuesday, November 17, the invited speaker, Ondrej Chvala of BNL's Physics Department, will talk on "Sustainability in the Technological Age." Chvala has written several articles on nuclear energy as a reliable source of energy for the near future. The meeting will be held at South Shore Restaurant, 388 Medford Ave., Patchogue: complimentary appetizers/cash bar, 6 p.m.; dinner, 7 p.m.; Chvala's talk, 8 p.m. \$25/person. To reserve, call Arnie Aronson, Ext. 2606, by Monday, November 16.

BERA Fitness Classes, Events

For classes, mail checks payable to BERA to: Recreation Office, Bldg. 400. Aqua Aerobics: Tuesdays and Thursdays, 5:30-6:30 p.m. at the pool, 11/17/09 through 1/26/10. No classes December 22 – 31. One session/ week, \$20; two sessions/week: \$40.

Zumba: Tuesdays, noon-1 p.m. in the gym. 11/10/09 though 1/12/10, but no classes on December 22 or 29). Eight classes: \$80. Buy tickets for events on weekdays, 9 a.m. – 3 p.m., at the BERA Store, Berkner Hall. Check out more trips at www.bnl.gov/bera/, or at the store. Examples: NY City "Do As You Please" bus trip, 12/13, \$15; Knicks, Rangers.

Holiday Party: Friday, December 11, 7 p.m. Miller Beach Surf Club. Dinner buffet, open bar & DJ dancing. \$50/person. 100 tickets only, payment required at sign up, no refunds. On sale from today, 11/6.

Camera Club Meeting, 11/12

The Camera Club will meet on Thursday, 11/12, in Bldg. 400's Conference Room 2. Contact Joe Gettler, *jgettler@bnl.gov*.

On-Site Service Station Opening Delayed

The re-opening of the on-site service station has been delayed. The new contractor will receive customers in a few weeks.

BNL's Glenn Abramowitz To Perform in Musical *Mame!*

Profits from this musical will benefit the scholarship program at Riverhead High School

Riverhead's musical scene will liven up on two weekends this month, when the Broadway musical Mame! will be performed by members of the Riverhead Faculty Community Theater (RFCT) at Riverhead High School on November 14, 21, and 22 at 8 p.m. and at 2 p.m. on Sunday, November 15. BNL's Glenn Abramowitz of the Site Services Division will be playing two roles, Ralph Devine and Uncle Jeff.

"We put on a musical every year to benefit the Riverhead High School Scholarship Fund," says Abramowitz, who holds the record for the number of times anyone has acted with the group — 17 years in a row. Always interested in theater, Abramowitz moved to Flanders 21 years ago and joined RFCT in 1992. Roles he has played with them have included Mayor Schinn in The Music Man in 2007, Vernon Hines in The Pajama Game in 1998, and Available Jones in *L'il* Abner in 1995 — terrific roles to play, he says. "Over the years we have made thousands of dollars for the kids, and everyone enjoys themselves. It's a great way

to get a community involved.

"I hope my friends and coworkers will come out and see the show and help make it a success," he adds. Anyone who would like to see the show may call Abramowitz, Ext. 7477, for tickets (\$12 in advance, \$15 at the door).

United Way Volunteer Program Will Also Benefit

Making money for the scholarship fund is not the only way that Abramowitz contributes to the community. Last year, he found out that his volunteer work with the RFCT qualified for the BNL United Way Fund Drive Volunteer Program, and he clocked in 88 hours to the program. Brookhaven Science Associates gives \$20 an hour to the United Way for volunteer work done by BNL employees, up to \$10,000. This year, Abramowitz plans to join BNL's volunteer program again. "As a single homeowner, I don't have a lot of money to contribute," he says, "but by volunteering, I feel I am doing something for others who need our help."

— Liz Seubert

TIAA-CREF One-on-One Retirement Counseling

To answer employees' questions about their financial matters, a TIAA-CREF consultant will visit BNL in November, on Wednesday, 18; Thursday, 19; and Tuesday, 24; and, in December, on Friday, 4; Monday, 7; Wednesday, 9; Thursday, 10; Monday, 14 and Tuesday, 15. For an appointment, call 1-800-732-8353.

Defensive Driving Course: Two Parts, 11/16 & 19

The next six-hour Defensive Driving (Point & Insurance Reduction) course will be held in two parts on Monday and Thursday, November 16 and 19, in the Brookhaven Center South Room, 6-9:15 p.m. The course is open to BNL, BSA, and DOE employees, facility-users, and their families. The cost is \$38 per person. Preregistration is required. To register, call Ed Sierra, 821-1013, and leave a message. Or take a New York DMV approved course (Use code: "SAVE10" for \$10 discount) online: http://www.lidrivesafe.com/.

CALENDAR

Saturday, 11/7

Celebrate Diwali, Festival of Lights

3 p.m. Berkner Hall. The BERA Indo-American Association show-cases the culture of India through music, dance, and the arts. For tickets, see www.bnl. Visitors to the Lab of 16 and over must bring photo ID.

- WEEK OF 11/9 -

Tuesday, 11/10

*Memorial Service for Veterans

Noon. Brookhaven Center flag. The BNL Brookhaven Veterans Association will hold a brief service. All are welcome.

Benefits Open Enrollment Last Day

To enroll online, start at http:/ www.bnl.gov/HR/Benefits/ OpenEnrollment.asp. Or, get help at Human Resources, Bldg. 400.

Wednesday, 11/11

Veterans Day, Lab Holiday

The Lab will close in honor of Veterans Day. No Bulletin will be issued on Friday, 11/13.

Thursday, 11/12

Morrell Instruments Display

10 a.m.-2 p.m. Berkner Hall lobby. Morrell representatives will display and discuss Nikon technology. Contact Pete Bilella, 631 423-4800.

Saturday, 11/14

*Blues Concert Honors Sam Taylor

8 p.m. Berkner Hall. "A Band Called Sam." honors the late Sam Taylor. Tickets in advance at the BERA Store, \$15, or \$20 at the door. Open to public. See pg. 4.

-WEEK OF 11/16 -

Monday, 11/16

*Defensive Driving, Part I

6-9:15 p.m. See below, left. Wednesday, 11/18

BSA Noon Recital

Noon. Berkner Hall. Stony Brook Opera, conductor Timothy Long, semi-staged scenes from Igor Stravinsky's *The Rake's Progress*; Benjamin Britten's *The Turn of* the Screw and The Rape of Lucretia. Free and open to the public. Visitors to the Lab of 16 and over must bring photo ID.

Thursday, 11/19

*Defensive Driving, Part II 6-9:15 p.m. See below, left.

- WEEK OF 11/23 -

Monday, 11/23

*BNL Art & Crafts Show

11:45 a.m.-1:30 p.m., Reception from 5-7 p.m. Berkner Hall, Room B. See pg. 2.

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.

Tuesday, 11/24

*BNL Art & Crafts Show

11:45 a.m.-1:30 p.m., Berkner Hall, Room B. See pg. 2.

Arrivals & Departures

- Arrivals -

David Alishbuse	HIN/OIVIO
Satoshi Endo Env.	Sciences
Matthew Ilardo	C-AD
Okasana Ivashkevych	NSLS
Youn-Sig Kwak	Biology
Kathrin Mueller	CFN
Tasha Summers	C-AD
Brian Walsh	NSLS
Xing Wei	ES&T

Departures -

Gerhard Barnett	Mod. Proj.
Michael Bryant	Site Services
Ioana Gearba	NSLS
Mauro Giacchini	NSLS-II
Ahovi Knonou	C-AD

Classified Advertisements

To apply for a position, go to www.bnl.gov. Select "Job Opportunities." then "Search Job List."

OPEN RECRUITMENT - Opportunities for Lab employees and outside candidates.

*POSTDOCTORAL RESEARCH ASSOCIATE (Nuclear or Particle Physics) - Requires a Ph.D. in nuclear or particle physics. The Nuclear Theory Group is looking for a postdoctoral research associate to work on nuclear physics for two years starting on October 1, 2010. The position would include working QCD at high temperatures and high energies, and on heavy ion phenomenology — in anticipation of RHIC II and elC. The application deadline is 1/15, 2010. After electronic submission of application, please arrange to have three letters of recommendation sent to marcy@bnl.gov (preferred) or mail to: M. Chaloupka, Physics Department, Bldg. 510, BNL, Upton, NY 11973-5000, USA. Under the direction of D. Kharzeev, Physics Department. Apply for Job ID #15084.

*POSTDOCTORAL RESEARCH ASSOCIATE (Structural Biology, Biochemistry) - Requires a Ph.D. in biophysics, biochemistry, or related field and a strong background in biochemistry. Will investigate the structure and function of several important protein complexes by cryo-EM and X-ray crystallography. Should have a recent Ph.D. with protein structure background, with an interest in learning cryo-electron microscopy (cryo-EM) or X-ray crystallography. Facilities available include a JEOL 200 kV FEG TEM and access to National Synchrotron Light Source. BNL offers competitive compensation commensurate with relevant experience and qualifications. Candidates should submit (in one document) a CV, a description of research interests, and list the names and email addresses of three references. Under the direction of Huilin Li. Biology Department. Apply for Job ID #15088.

*POSTDOCTORAL RESEARCH ASSOCIATE (Structural Biology, Electron Microscopy) - Requires a Ph.D. in biophysics, biochemistry, or related field and a strong background in biophysics. Will investigate the structure and function of several important protein complexes by cryo-EM and X-ray crystallography. Should have a recent Ph.D. with biophysics background, particularly with experience in molecular imaging. Facilities available include a JEOL 200 kV FEG TEM and access to National Synchrotron Light Source. BNL offers competitive compensation commensurate with relevant experience and qualifications. Candidates should submit (in one document) a CV, a description of research interests, and list the names and email addresses of three references. Under the direction of Huilin Li, Biology Department. Apply for Job ID #15089.

*POSTDOCTORAL RESEARCH ASSOCIATE (Plant Molecular Biology, Metabolism, Plant Biochemistry) - Requires a Ph.D. in biology, plant science or biochemistry, and a publication record in international journals. Will conduct research leading to the genetic and metabolic characterization of several plant model species, integrating with current research on plant renewable feedstocks and bioenergy. Experience in Agrobacterium-mediated plant transformation and molecular biology techniques is preferred. For more information regarding current research projects: http://www. didates should submit (in one document) a CV, a description of research interests, and list the names and email addresses of three references. Under the direction of J. Schwender and J. Shanklin, Biology Department. Apply for Job ID #15090.

*POSTDOCTORAL RESEARCH ASSOCIATE (Chemical Physics, Physical Chemistry) - Requires a Ph.D. in chemical physics or physical chemistry and experience in some set of the following: laser spectroscopy, chemical dynamics, molecular beam vacuum technique, computerized data acquisition and analysis. The gas phase molecular dynamics group performs basic research in unimolecular and bimolecular reactions and energy transfer processes with applications to problems in combustion chemistry. Current topics of interest include state-resolved studies of collision-induced electronic transitions, product correlations as a probe of energy flow in dissociating molecules, and reactions occurring on more than one electronic state. This is an opening for an experimental scientist, but collaboration with theorists in the group is encouraged. Under the direction of G. Hall, Chemistry Department. Apply for Job ID #15091.

*POSTDOCTORAL RESEARCH ASSOCIATE (Theory and Simulation of Soft Nanomaterials) - Requires a Ph.D. in physics, chemical engineering or materials science. Solid background in computational/theoretical soft condensed matter, strong research record and proficiency in MC/MD simulations are expected. Experience with high performance/parallel computing is beneficial. Will work in the young and very dynamic field of soft/bio nanomaterials, which is one of the strategic directions of the Center for Functional Nanomaterials (CFN) at BNL. The position will provide an exceptional opportunity for research in this field, with opportunities for collaborations with leading experimental and theoretical groups. This work will be conducted under the direction of A. Tkachenko, in the Theory and Computation Group of the Center for Functional Nanomaterials. For additional information, please contact *oleksiyt@bnl.gov*. Apply for Job ID #15093.

PROJECT ENGINEER I/II (P-9/P-7) - As one of the lead engineers, will be responsible for the design, construction and installation of NSLS-II utility systems including secondary de-ionized water system and the RF cryo system. These are major engineering projects of significant complexity and require directing a team of staff members to ensure adherence to work scope, schedule and budget. Required qualifications: BS degree in mechanical engineering and a minimum of seven years of progressively responsible work experience related to the design, procurement and installation of process water system and flow instrumentation; comprehensive knowledge of engineering fundamentals in hydraulics, heat transfer and piping systems; considerable experience in the use of 2-D and 3-D design tools, drawing standards and engineering codes; excellent communication skills and ability to work effectively with the scientific, technical and procurement staff of the project; high degree of initiative and ability to plan, coordinate and perform given assignments with minimum supervision. Preferred qualifications: engineering and design of de-ionized water systems for accelerator facilities, cryogenic systems and transfer lines; experience in operating process water utility plants. Will be placed at the Project Engineer I or II level dependent upon depth of relevant experience specified. National Synchrotron Light Source II. ERAP Eligible: \$1000. Apply for Job ID #15097.

ASSISTANT BUYER (A-3, reposting) - Requires a bachelor's degree in business, or an associate's degree in business plus at least two years of relevant experience that must include purchasing goods and services in a government purchasing environment. Familiarity with procurement process from inception to close out is required. Practical use of the Federal Acquisition Regulations (FAR) and Department of Energy Acquisition Regulations (DEAR) is also required. Must be computer literate and be knowledgeable of Microsoft Word and Excel. Knowledge of PeopleSoft is a plus. Requires excellent verbal and written communication skills and must be a multi-tasker. Under direct supervision, responsible for the economical and efficient procurement of various tangible commodities with low monetary value. Coordinates the complete procurement function from requisition to delivery in accordance with standard contracts and procurement operating procedures. Procurement & Property Management Division. Apply for Job ID #15607.

PRINCIPAL FLECTRONICS TECHNICIAN (TW-4) - The NSLS-II Project is seeking an electronic technician to support the engineering efforts in the building of prototype power supplies and automated component test systems. Will construct, troubleshoot and repair electronic equipment utilizing schematics, verbal instructions and assemble chassis using basic mechanical fabrication techniques. Must be self motivated, able to work with senior technical staff and have good communication skills. Performance of these duties requires a working knowledge and application of practical principles in electronic technology. Requires an AAS Degree in electronic engineering technology or equivalent capabilities, two years of relevant work experience, or a BS in electrical technology, experience with analog/digital electronics, computers and standard test equipment (function generators, oscilloscopes, multi-meters) and basic machine shop skills. Experience with automated test equipment used in production testing, power supply controls and knowledge of spreadsheet software, and experience in construction, repair, and troubleshooting of surface mount printed circuit boards is highly desirable. Reports to the Technical Support Supervisor of the Electrical Engineering Group. National Synchrotron Light Source II. ERAP Eligible: \$500.Apply for Job ID #15086.

SR. TECHNICIAN (TW-3) - Requires an associate's degree in electronics, preferably a four-year technical degree from an accredited program, and a minimum of at least a year's experience is preferred. Knowledge in present day electronic circuit theory and principals on a component level, fo both analog and digital circuitry, along with a minimum of academic\course lab work knowledge of utilizing related diagnostics equipment such as oscilloscopes, DMM's, power supplies, and frequency generators schematic capture tools is preferred. Excellent communication skills and ability to use and/or develop affective technical testing procedures are also required. Role will be to use present and/or new electronic principles and techniques, and/or equipment, for the support of technical annual installations and/ or repairs of various STAR detector electrical sub-systems. Day-to-day actives will include, under mentoring by senior team members, trouble-shooting complex electronic circuits boards down to component level, soldering replacement components to respective PCB boards, performing various circuit board testing procedures, mechanical assembly of electronic subsystem enclosures, and extraction and installation of various subsystem assemblies on the detector, which may involve utilization of a combination of a ladder, scissor-lift or harness. Physics Department. Apply for Job ID #15092.

*Note: BNL policy states that Research Associate appointments may be made to those who have received their doctoral degrees within the past five years.

Motor Vehicles & Supplies

06 TOYOTA SIENNA - 59K mi. orig owner, well maint, excel cond, loaded, extras, must sell. 806-1410.

06 CHEVY AVEO – 58K mi. black, 4 dr Hb, p/s, a/t, gd gas mi, great cond. \$6,900. Greta, 816-9297 or jgkiss@optonline.net. 06 CHEVY 2500HD 4X4 – 36K mi. 2500hd 4x4, loaded, ext warr, new tires, chr whls, lther s/roof, pwr sts, \$25,500 neg. 375-3313. 04 TOYOTA SOLARA – 32K mi. 3.3 ltr V6, a/t, m/roof, leather, climate control, heated seats, rem strt, ask \$13,200. 839-5831. 03 DODGE NEON – 79K mi. 4cyl., 2L, 4spd, a/t, a/c, am/fm, p/b, p/s, excel, non-smkr, run excel, reloc Europe. \$3,595. 946-9832. 01 - TOYOTA CAMRY XLE – v/gd cond, all pwr, s/roof, lthr int, 4 cyl, rem starter, well maint, orig owner, \$6,500 neg. Ext. 2838.

run excel, reloc Europe. \$3,595. 946-9832.
01 - TOYOTA CAMRY XLE – v/gd cond, all pwr, s/roof, lthr int, 4 cyl, rem starter, well maint, orig owner, \$6,500 neg. Ext. 2838.
00 NISSAN ALTIMA GXE – 78K mi. 2.4L, 4cyl, a/t, black, alloys, all pwr, cd, a/c, pics. \$4,700 neg. Joe, Ext. 4452, jzipper@bnl.gov. 95 HARLEY DAVIDSON MOTORCYCLE – 50K mi. ultra classic, shriner edition, blue, mint cond. \$8,000. Anthony, Ext. 4035.
95 SEDAN VOLVO 850 – 165K mi. needs work on cooling system, running, b/o. \$1,000 neg. Lev, Ext. 2100.

91 MAZDA NAVAJO – blue, fair cond, sm defects, clean title hist, gd tires, runs, nd work, hi mi. \$1,000 neg. Carol, Ext. 2587. 89 HONDA GOLDWING – 25K mi. AM/ FM/ cass, I/com syst,CB, Mcycle fully loaded. Grt running mchine \$4,500. 772-7007. WHEELS & TIRES – set, 4 Chevy/GMC 16" 6 lug steel whls w/265/75-16 tires, like-new cond., ask/\$350. 724-4481.

Boats

21' TRI-HULL BOWRIDER - Johnson 115 motr, trlr. \$1,000. Ext. 4884, spaeth@bnl.gov.

Furnishings & Appliances BUTCHER BLOCK - 24"x24"w/shelf.

drawer below cutting top, on casters, \$300. George, Ext. 4453, meinken@bnl.gov. COUNTERTOP DISHWASHER - unused \$50. Peter, Ext. 3981, 872-8963. CURIO LIGHTED - gd cond, glass shelves, make offer, you pick up. email for pics. 331-8763 or magnum2@optonline.net. ENTERTAINMENT CENTER - 6'h x 5'w x 21"d, solid wood, antique white, opening for tv 38"x36", \$100/obo. Dean, Ext. 7239. FORMICA BED - tw sz platform, 2 drawers below, u-pic-up, make offer. 331-8763. HUTCH - Light oak, glass drs, excel. cond. \$250/obo, pics avail. upon request. Wendy, Ext. 3924 or wwilliams@bnl.gov. IKEA LOFT BED - full size, \$150/obo; 2pc. rustic pine hutch, \$50/obo.; 7' sofa, earth tnes, perfct, \$250/obo. Ext. 7239. QUEEN BED - gd cond, no stains, tears, w/mttrss/b/spring/frame, \$200; pics avail, http://tinyurl.com/y8zjsdd. 772-618-3537. TABLES - 4pc I/r tables w/glass top & wrght iron below. Excel. cond. \$150/obo. Wendy, Ext. 3924 or wwilliams@bnl.gov. AIR CONDITIONERS - 2, One vert. windows type, 21"hx15"w, 10,000 BTU, \$50 obo. 2nd: Maytag 6000 BTU, \$35. Ext. 7239.

Tools, House & Garden

EXTENSION LADDER – alum, Werner 40' \$100; comb ext/step, \$50; stl lddr rack \$50; 2/lo-side tool bxes \$100. stelmas@bnl.gov. GE IRON – and Ig ironing brd, incl cover; pics avail, like new, \$15. jlonien@bnl.gov. PAN & POTS – new non-stick, 3 pots, 1 griddle pan/b/o. Yvette, Ext. 5591. RYOBI BATTERY – 18.0 v Ridgid 1322401/1323303 for Ryobi pwr tools, unused, new:\$66.99; b/o. Ext. 4884. SNOW BLOWER – Toro self propelled, \$115. Ruben, Ext. 2124, 403-4954.

Lost & Found

EYEGLASSES – Black framed, prescription, found in Bldg/130 lobby. Ext. 7235.
FOUND – cell phone on 4th flr conf rm, bldg/1005S. Toni, Ext. 5257.
KEYS – lost in prkg lot of bldg 815. Richard, Ext. 7129 or rlagattolla@bnl.gov.

Miscellaneous

ANGEL FACE SKETCHER BOOTS - womens sz 6.5, new in box/\$20. ddaniels@bnl.gov. BERA JEWELRY CRAFT CLUB - All interested in joining a New BERA Club for Jewelry and crafts please contact me for further information. Ruth, Ext. 3545. MOBILITY SCOOTER - 3 wheels movable seat & arms re-chargeable battery horm front lights, make offer. Ext. 4453. SAMSONITROOF TOP CARGO CARRIER - hvy dty & made of h/dty polyester, exps to 13 cu. ft, new in box/\$25. Ext. 7239. PUPPIES - 2 yorkies and 4 morkies, Justine, 786-0953 or Brian, 344-4241. TIRES - 4 Cooper Lifeliner, 185/60R14 mounted on Toyota rims, less than 1,500 mi, \$380/obo. Lou, 732-1028. TREADMILL - Nordictrack EXP 1000XI. excel cond, ask/\$300. Kris, Ext. 7850.

Community Involvement

DINNER DANCE TO BENEFIT DR. MI-CHELLE CUMMINGS FOWLER - Given by Carol Archer, Sharon Goode, Juanita McKinney & Danielle Seidman. Sunday, 11/22, 3 p.m. Rock Hill Country Club. Buffet, live band, \$40 per person. To purchase tickets or make a donation, please call Juanita, Ext. 3915; Carol, 631-754-6779 or Sharon 631-624-1277.

'A Band Called Sam' 11/14

A Band Called Sam, a band carrying on the legacy of the late Sam "Bluzman" Taylor, will perform on Saturday, 11/14, at 8 p.m. in Berkner Hall. Sponsored by the BNL Music Club, the event is open to the public. All visitors to the Laboratory of 16 and older must bring a photo I.D.

Taylor, a well-known blues singer and songwriter, died in 2009 at the age of 74. He originally hailed from Tucson, Arizona, but called Long Island home for the last ten years, performing around Long Island and the Big Apple. Taylor performed with legendary musicians such as Otis Redding, T-Bone Walker, Little Johnny Taylor and Big Joe Turner.

Members of the band include Sandra Taylor and LAW, the daughter and grandson of Sam Taylor, and long-time Sam Taylor bandmates Mario Staiano on drums, "FL" on keys, Gary Grob on bass, Bobby Nathan on guitar, and Big Al on saxophone. To honor Taylor, the band performs



The late Sam "Bluzman" Taylor

the songs and sounds of this profoundly moving blues artist.

Tickets for the show are \$15 in advance and \$20 the day of the show. Tickets may be purchased at the BERA Store in Berkner Hall, weekdays 9 a.m.-3 p.m.; through www.ticketweb.com; or at the door.

Watch a video of the band performing "My Name is Sam" at the 2009 Riverhead Blues Festival, www.youtube.com/watch?v=UdT2zLSqHu8.

- Jane Koropsak

SAVE A PET – donations needed, blankets, dog/cat food and \$\$\$, a little goes a long way. thank you. Hugh, Ext. 2031, 457-3216 or hrhodus@bnl.gov.

Happenings

MEMORIAL SERVICE - Join the Family of Richard D. Baulch Jr in celebrating his life on Sat, 11/21, 11:30am, Eastport Fire House, Eastport, Luncheon to follow. David Baulch/LP Janet Soper/PR. Janet, Ext. 2325.

NFCT PRESENTS "RABBIT HOLE" – Pulitzer prize winning drama at N. Fork Community Theatre, Mattituck. Runs Fri-Sun, 11/6-22. All tickets \$15 at http://www.nfct.com or 298-NFCT. Laura, Ext. 2520.

SCUBA/SNORKEL CLUB MEETING - The BNL ScSn Club meets 11/9, Berkner Rm C, noon - 1. Open to beginners & experienced divers. Ext. 5664 or bauer@bnl.gov.

Free

KITTEN – 5 mo old, bl/wh, v/friendly, had shots, tested, needs new home. pics. Scott, Ext. 2991 or syuan@bnl.gov. PERENNIALS – 7 extra lg hardy Hostas, can split, U dig & pick up. Ext. 4215. YOUNG CAT - SWEETIE – lovely, playful stray, female, 1 yr, black/white, all shots, fixed, please give her a home. Ext. 5656.

Wanted

ADOPT-A-PLATOON – Monetary donations much appreciated for mailing costs. Thank you. Ext. 8481.

BLOOD RECIPIENT STORY – Lab community or family member who has received blood & willing to share story to encourage more donors in Dec. BNL Blood Drive, please contact Liz Gilbert, Ext. 2315, gilbert@bnl.gov. BNL FAMILY MEMBERS IN MILITARY – If you have a family member overseas, please contact Adopt-a-Platoon. Ext. 8481. CALCULUS TUTOR – needed for 2nd-yr college student in calculus. 921-1413. NEW/GENTLY USED CLOTHES, TOYS, BOOKS – from tots to teens, all items

NEW/GENTLY USED CLOTHES, TOYS, BOOKS – from tots to teens, all items collected will be donated to 76 families living in 1 local area shelter. Monetary donations also greatly appreciated. Thank you! Laura, Ext. 4027, Karen, Ext. 2449. TREADMILL – newer model, will pay fair amt for a gd model. Ext. 5288, 487-5717.

Real Estate for Rent

NAPLES, FL – 2br/2ba all furn condo in gated golf community, superdiscounted rate for Jan 2010. \$2,500/mo. 523-7870. CENTER MORICHES – rm, incl all util, kit/ laundry use, 12 mi to gate, approx. 20 mins, shared bath, 7 Grace Lane, CMriches, 926-6057. \$135/wk. GENE, 878-2357.

MASTIC – 1 bdrm apt, all incl. \$1,000/mo. Ken, 772-7007.

MASTIC BEACH – 2nd flr, 2 bdrm, full bath l/r/kit combo, priv ent w/drway/yd, no pets, non-smkr pref. \$1,075/mo. Robert, 457-3171 or hoogsteden@bnl.gov. MILLER PLACE – nr beach, 1 bdrm, l/r, d/ r, w/d, d/w, fpl, neat clean yd, off st prkg, no smkg/pets. \$1,425/mo. 473-3349. MORICHES – Condo Share-furn. 1 BR, own bath, share: eik, LR, DR,Deck, W/Dgated community- inc Util. \$1,250/mo. Sallie, 235-1637 or scrick@bnl.gov. MOUNT SINAI – 2 story 4/5 bdrm hse, 2

car gar, d/r, l/r, eik, new hardwd fls, windows, new kit. \$2,395/mo. Ext. 4035.
PORT JEFFERSON STATION – Col, 3bdrm, 1.5/bath, l/r, d/r, eik, fin bsmt w/poss 4th bdrm, w/d, d/w, fen yd, gas heat, no smkg, sec req. \$1,800/mo. 413-5012.

RIDGE – rm, prvt ent, full bath, microwave, fridge, Ig closet, no smkg mins to the Lab. \$650/mo. Dottie, 775-6957.

ROCKY POINT – 2 bdrm hse, nr wtr, new kit, hardwd flrs, deck/pool, 1 yr lease plus sec. \$1,500/mo. DAVE, 516-860-8041.

ROCKY POINT - 2 bdrm cottage, walk to

beach, nr store, gar w/storage loft, w/d, pets okay, + util, 1 mo sec, credit check, avail now. \$1,200/mo. 516-946-7113.

SHIRLEY - rm/furn/sep ent/fullbath/heat elect/cable/int/all incl, 1mo sec/5 min to stores/beach/8min to Lab/all major hways/ no smkg/pets. \$650/mo. 804-8609.

SHIRLEY – 1 bdrm bsmt apt, suit for one, all incl, no smkg/pets. \$695/mo. Ext. 3846. SHOREHAM – brand new, bright studio apt. for one, sep ent., hi spd/cable/all utils incl. quiet area, mins. to Lab, no smoking/pets please. \$650/mo. 375-8816.

Real Estate for Sale

EAST YAPHANK – 3 bdrm, 3 bath, oversize garage. 1/2 acre. Newly redone & land-scaped. CAC, FP, income producing potentl. Nr Lab. \$329,990 neg. 516-383-7006. RIDGE – 3/bdrm, 2/bth ranch w/3 skylights, 5 Cathedral clgs, eik, fam d/r den, full bsmt, Ig I/rm Ig deck, .71 acre, 1 mi from Iab. \$340,000. Lenina, 345-3610. SHOREHAM – 4 bdrm, 2.5 bath Col., fml I/r & d/r, den w/fp, fin. bsmt, 12 x 20 deck, igs, new grnite counters & stnless applis, SWRSD, 7 mi to Lab. \$479,000 neg. Ext. 2253.

On-Site Services: Cafeteria

ORDER DELICIOUS HOLIDAY PIES, OR TAKE-AWAY THANKSGIVING DINNER - Apple, blueberry, pumpkin, \$10/ea + tax; pecan, \$12 + tax; Dinner for 12 to 15: turkey, trad stuffing, string beans w/pearl onions, candied yams, gravy, cranberry sauce, one pie, \$150 + tax. Please order by 11/20, pickup by 11/25 noon. Call Ray Hernandez, Ext. 3541.

Omitted Ads, Service Ads

We regret, a few ads were omitted for lack of space. A complete list of ads and services provided by Lab community members is attached to the PDF version of this week's Bulletin, www.bnl.gov/bnlweb/pubaf/bulletin/default.asp. For a paper copy, call Ext. 2346, leave name and address very clearly.



No time to shop? Please send checks made out to BNL Food Drive to L. Greves, Bldg. 120, or L. Rundlett, Bldg. 400A. Thank you.



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Liz Seubert, editor Joe Gettler, staff Roger Stoutenburgh, photographer On the Web, the Bulletin is located at www.bnl.gov/bnlweb/pubaf/bulletin.asp. A calendar listing scientific and technical seminars and lectures is found at www.bnl.gov/bnlweb/pubaf/calendar.asp.

Bldg. 134, P.O. Box 5000 Upton, NY 11973-5000 phone: (631) 344-2345 fax: (631) 344-3368 e-mail: bulletin@bnl.gov

Classified Ads for Bulletin of 11-06-09

Furnishings & Appliances
BUTCHER BLOCK – 24"x24" w/shelf, drawer below cutting top, on casters, \$300.

George, Ext. 4453, meinken@bnl.gov. COUNTERTOP DISHWASHER - unused \$50. Peter, Ext. 3981, 872-8963. CURIO LIGHTED - gd cond, glass shelves, make offer, you pick up. email for pics. 331-8763 or magnum2@optonline.net. ENTERTAINMENT CENTER - 6'h x 5'w x 21"d, solid wood, antique white, opening for tv 38"x36", \$100/obo. Dean, Ext. 7239. FORMICA BED - tw sz platform, 2 drawers below, u-pic-up, make offer. 331-8763. HUTCH - Light oak, glass drs, excel. cond. \$250/obo, pics avail. upon request. Wendy, Ext. 3924 or wwilliams@bnl.gov. IKEA LOFT BED - full size, \$150/obo; 2pc. rustic pine hutch, \$50/obo.; 7' sofa, earth tnes, perfct, \$250/obo, Ext. 7239. QUEEN BED - gd cond, no stains, tears, w/mttrss/b/spring/frame, \$200; pics avail, http://tinyurl.com/y8zjsdd. 772-618-3537. TABLES - 4pc I/r tables w/glass top & wrght iron below. Excel. cond. \$150/obo. Wendy, Ext. 3924 or wwilliams@bnl.gov. AIR CONDITIONERS - 2, One vert. windows type, 21"hx15"w, 10,000 BTU, \$50 obo. 2nd: Maytag 6000 BTU, \$35. Ext. 7239.

Audio, Video & Computers
COLOR TELEVISION - Sharp 26" w/remote, gd cond, \$25. Steve, Ext. 2897.
POWER MAC G4-L3 Cache, DDR, AGP4X
Graphics, w/Studio Display 17" monitor
perfect cond, \$200/obo. Ext. 7239.
SEGA GENESIS - game console, 2 games,
working cond, make offer. Ext. 4884.
SMITH CORONA TYPEWRITER - & word
processing, 16,000 char. mem, auto spell,
in box, like new, \$35/obo. Ext. 7239.

Sports, Hobbies & Pets

FISH TANK - 10 Gall rectangular, black trim, \$5. Paul, Ext. 2899 or porfin@bnl. gov.

FISH TANK – long, 20 gal, cover, wrought iron stand/\$20. Ext. 2159, 331-7048.
FLEXIBLE FLYER SLED – 2, like new, 2 are 40yrs old, b/o. Ext. 2159, 331-7048.
GOLF CLUBS – set, McGregor woods 1,3,5, 7,9 graphite shafts \$40/RH;. 872-8965.
PUPPIES – 2 yorkies and 4 morkies, Justine, 786-0953 or Brian, 344-4241.

Tools, House & Garden

BLOCK PLANE - all woodn, 2' \$10: 2' level \$10; caddage slicer/\$10; 2/prllel clamps w/wd scrws \$10/ea. Ext. 3981. BUCK SAW - 2 man 6' \$50; woodn handle log roller \$25; 2-30" Circ saw blades \$10/ ea; ssort block & tackles/10/ea. 872-8963. EXTENSION LADDER - alum, Werner 40' \$100; comb ext/step, \$50; stl lddr rack \$50; 2/lo-side tool bxes \$100. stelmas@bnl.gov. GE IRON - and Ig ironing brd, incl cover; pics avail, like new, \$15. jlonien@bnl.gov. PAN & POTS - new non-stick, 3 pots, 1 griddle pan/b/o. Yvette, Ext. 5591. RYOBI BATTERY - 18.0 v Ridgid 1322401/1323303 for Ryobi pwr tools, unused, new:\$66.99; b/o. Ext. 4884. SNOW BLOWER - Toro self propelled, \$115. Ruben, Ext. 2124, 403-4954.

Miscellaneous

AIR COMPRESSOR - gas powered for rent to winterize sprinkler system. 284-2277. ANGEL FACE SKETCHER BOOTS - womens sz 6.5, new in box/\$20. ddaniels@bnl.gov. BERA JEWELRY CRAFT CLUB - All interested in joining a New BERA Club for Jewelry and crafts please contact me for further information. Ruth, Ext. 3545. FISHER PRICE - Sing & Story Lming Chr \$20, Little Star Sing-Along Stage \$35, Bounce & Spin Zebra \$30, all neg. \$70/all. Ext. 3924. MOBILITY SCOOTER - 3 wheels movable seat & arms re-chargeable battery horm front lights, make offer. Ext. 4453. SAMSONITROOF TOP CARGO CARRIER hvy dty & made of h/dty polyester, exps to 13 cu. ft, new in box/\$25. Ext. 7239. TIRES - 4 Cooper Lifeliner, 185/60R14 mounted on Toyota rims, less than 1,500 mi, \$380/obo. Lou, 732-1028. TREADMILL - Nordictrack EXP 1000XI. excel cond, ask/\$300. Kris, Ext. 7850.

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SCUBA/SNORKEL CLUB MEETING – The BNL ScSn Club meets 11/9, Berkner Rm C, noon - 1. Open to beginners & experienced divers. Ext. 5664 or bauer@bnl.qov.

Free

ASSORTED WOOD/GLASS – 3 Panes; 30" x27" window glass; Wood 2"x6"x8", 2"x6"x5' & 1"x6"x3.5' pine. misawa@bnl.gov.
KITTEN – 5 mo old, bl/wh, v/friendly, had shots, tested, needs new home. pics.
Scott, Ext. 2991 or syuan@bnl.gov.
PERENNIALS – 7 extra lg hardy Hostas, can split/make many, great for boundaries/borders, U dig & pick up. Ext. 4215.
SAT TEST PREP BOOKS – 2-3 yr old SAT preparation books. Aleksey, Ext. 8014.

YOUNG CAT - SWEETIE - lovely, playful stray, female, 1 yr, black/white, all shots, fixed, please give her a home. Ext. 5656.

Wanted

ADOPT-A-PLATOON – Monetary donations gratefully accepted towards mailing overseas. Thank you. Joanne, Ext. 8481. BNL FAMILY MEMBERS IN MILITARY – If you have a family member deployed overseas, please contact Adopt-a-Platoon. Joanne, Ext. 8481.

CALCULUS TUTOR – Tutor needed for second-year college student in calculus. Debbie. 921-1413.

NEW/GENTLY USED CLOTHES, TOYS, BOOKS – from tots to teens, all items collected will be donated to 76 families living in 1 local area shelter. Monetary donations also greatly appreciated. Thank you! Laura, Ext. 4027, Karen, Ext. 2449. TREADMILL – newer model, will pay fair amt for a gd model. Ext. 5288, 487-5717.

Lost & Found

EYEGLASSES – Black framed, prescription, found in Bldg/130 lobby. Ext. 7235. FOUND – cell phone on 4th fir conf rm, bldg/1005S. Toni, Ext. 5257. KEYS – lost in prkg lot of bldg 815. Richard, Ext. 7129 or rlagattolla@bnl.gov.

For Rent

NAPLES, FL – 2br/2ba all furn condo in gated golf community, superdiscounted rate for Jan 2010. \$2,500/mo. 523-7870. CENTER MORICHES – rm, incl all util, kit/laundry use, 12 mi to gate, approx. 20 mins, shared bath, 7 Grace Lane, CMriches, 926-6057. \$135/wk. GENE, 878-2357.

MASTIC – 1 bdrm apt, all incl. \$1,000/mo. Ken, 772-7007.

MASTIC BEACH – 2nd flr, 2 bdrm, full bath l/r/kit combo, priv ent w/drway/yd, no pets, non-smkr pref. \$1,075/mo. Robert, 457-3171 or hoogsteden@bnl.gov.

MILLER PLACE – nr beach, 1 bdrm, l/r, d/r, w/d, d/w, fpl, neat clean yd, off st prkg, no smkg/pets. \$1,425/mo. 473-3349.

MORICHES – Condo Share-furn. 1 BR, own bath, share: eik, LR, DR,Deck, W/Dgated community- inc Util. \$1.250/mo.

Sallie, 235-1637 or scrick@bnl.gov. MOUNT SINAI – 2 story 4/5 bdrm hse, 2 car gar, d/r, l/r, eik, new hardwd fls, windows, new kit. \$2,395/mo. Ext. 4035.

dows, new kit. \$2,395/mo. Ext. 4035. PORT JEFFERSON STATION – Col, 3bdrm, 1.5/bath, I/r, d/r, eik, fin bsmt w/poss 4th bdrm, w/d, d/w, fen yd, gas heat, no smkg,

barm, w/a, a/w, ten ya, gas neat, no smkg, sec req. \$1,800/mo. 413-5012. RIDGE – rm, prvt ent, full bath, microwave, fridge, lg closet, no smkg mins to

the Lab. \$650/mo. Dottie, 775-6957. ROCKY POINT – 2 bdrm hse, nr wtr, new kit, hardwd flrs, deck/pool, 1 yr lease plus sec. \$1,500/mo. DAVE, 516-860-8041.

ROCKY POINT – 2 bdrm cottage, walk to beach, nr store, gar w/storage loft, w/d, pets okay, + util, 1 mo sec, credit check, avail now. \$1,200/mo. 516-946-7113.

SHIRLEY – rm/furn/sep ent/fullbath/heat elect/cable/int/all incl, 1mo sec/5 min to stores/beach/8min to Lab/all major hways/

no smkg/pets. \$650/mo. 804-8609. SHIRLEY – 1 bdrm bsmt apt, suit for one, all incl, no smkg/pets. \$695/mo. Ext. 3846. SHOREHAM – brand new, bright studio apt. for one, sep ent., hi spd/cable/all utils incl. quiet area, mins. to Lab, no smok-

incl. quiet area, mins. to Lab, no sn ing/pets please. \$650/mo. 375-8816. For Sale

EAST YAPHANK – 3 bdrm, 3 bath, oversize garage. 1/2 acre. Newly redone & landscaped. CAC, FP, income producing potentl. Nr Lab. \$329,990 neg. 516-383-7006. RIDGE – 3/bdrm, 2/bth ranch w/3 skylights, 5 Cathedral clgs, eik, fam d/r den, full bsmt, Ig I/rm Ig deck, .71 acre, 1 mi from Iab. \$340,000. Lenina, 345-3610. SHOREHAM – 4 bdrm., 2.5 bath Col., fml I/r & d/r, den w/fp, fin. bsmt, 12 x 20 deck, igs, new grnite counters & stnless applis, SWRSD, 7

mi to Lab. \$479,000 neg. Ext. 2253. On-Site Services: Cafeteria

DELICIOUS HOLIDAY PIES, TAKE-AWAY THANKSGIVING DINNER - Apple, blueberry, pumpkin, \$10/ea + tax; pecan, \$12 +tax; dinner: turkey, trad stuffing, string beans w/ pearl onions, candied yams, gravy, cranbery sauce, one pie, feeds 12-15, \$150 +tax. Please order by 11/20, pickup by 11/25 noon. Call Ray Hernandez, Ext. 3541.

Services

Services are neither screened nor recommended by the Bulletin.

#1 TUTOR MATH - Mathematics & SAT, Physics, Science, Electronics, Test Preparation, Special Projects, Practical Internet, All Grade Levels, For Top Results call. 344-3588.

35MM SLIDE SCANNING – www.pictureperfectscans.com scans & color corrects 35mm slides,photos,negatives & converts them to DVD. DVD Music slideshows available. Port Jeff. 928-6469.

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HHA & CNA Available Weekday Nights and Weekend Nights . Christy, 682-2471.

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and nyc lab discounts call tony. 589-5555.

AUTOMOTIVE SERVICE – all makes & models, 30 yrs dealer exp, factory trained, professional, Ref avail, drop off in the AM pickup in the PM.10% lab discount. Bill, 681-3061.

BABY SITTING – college student home for summer w/9yrs experience from newborn-12yrs of age. Carolynn, 613-514-5447. BABYSITTING – 14 year old honors student, will babysit in your home, eve's and weekends. Reliable. Manorville and surrounding area. Amanda, 874-8631.

BABYSITTING – Responsible college grad is available to babysit your children in the evening and on weekends. Lots of experience with kids! References available. Emily, 516-662-5896.

BABYSITTING & PETSITTING - Retired nurses aide will watch your children or pets while you are away. Donna, 398-8024.

BABYSITTING/HOUSEKEEPING – experience woman will babysit and give TLC to your child, day/evening avail; will clean your house to meet your standards. 874-4049.

BABYSITTING/MOTHER'S HELPER – 14 year old honors student, will babysit or give an extra hand in your home, eve's/wkends, reliable, reasonable rates, Rocky Point and surrounding area. Megan, 744-6309.

BOAT STORAGE - Out/inside boat storage avail. @ CM yd., trailered boats welcome, summer boat slip avail. for 15' boat. 878-

BOUNCE HOUSES/INFLATABLES – Summer Party?! We've got the best babysitter you can rent! Our bounce houses, Obstacle course, wet/dry slides keep kids entertained for hours!!! www.Llinflatables.com. Party Playgrounds, 681-7711.

BRICKWORK – Reset your existing walkway, pool area, or patio to look brand new. No job too small. BNL discount. . Tony, 736-7942.

CAP – Riverhead Comm Awareness Program, Inc needs Adult Volunteers to help teach our 09-2010 Pulaski St School Drug and Alcohol Prevention Program, call for details. Marilyn, 727-3722.

CAR DETAILING SERVICE – Great service, reasonable prices, call for info & appointment Chris 960-6243

CAREGIVER - Nurse available to take care of elderly/sick, 10 yrs experienced, references, own car. Janina, 283-0561.

CARPENTER/CONTRACTOR – Expert home improvements. Specialize in kitchen remodeling, decks, ponds, tile work, no job too small or large, 20 yrs exper. references, Lic/insured. Ray, 654-1970

CARPENTER/CONTRACTOR – General Contracting, Home Improvements and Maintenance on Large and Small Jobs. 30 yrs Experience, Excellent References, Reliable, Licensed and Insured. Tony, 727-6550 or agkas@hotmail.com.

CARPENTRY – int/exterior work, built-in cabinets, entertainment centers, all types of moldings,raised paneling & more, see pics on www.RCcustomwoodwork.com, best job absolute lowest price. Rick, 236-3677 or Rickchick3rd@yahoo.com.

CENTRAL AC – Start ups, repairs, & installations rasonable prices, also available power washing and gutter cleaning. Tom, 345-6337

CENTRAL AIR CONDITIONING – Spring Maintenance including filter change, refrigerant charge, amperage draw, thermostat accuracy, acid wash condenser coil. \$110.00 per unit Central Air Installations. Paul, 821-4003.

CHAINSAW SHARPENING – \$5/off saw or \$7/on saw, any length chain, can have ready next day. Peter, 772-4751, pheilig@bnl.gov. CHILD CARE – Mature woman with 22 years experience will care for your child in my home in the Holbrook area. References upon request. Please call. Terry, 472-1193.

CHILDCARE – High School student available for summer childcare, all hours, lab vicinity, Manorville area, experience with young children. (Mom works at lab). Nicole, 672-5981.

CHILDCARE AVAILABLE – Loving mother available to care for your child in my home or yours. Very qualified to work with children with disabilities and children of all ages. References available. Call for availability. Anna, 775-7350

CHIMNEY SWEEPS - Fireplaces, wood, coal and oil flue systems. Stainless steel chimney caps, chase pan tops and liners. Michael, 821-5526.

COMPUTER REPAIR – PC Software/Hardware/Network repair, installation, consultation. Certified and Experienced . Ryan PC Support, 926-1075.

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vour computer have you ready to go crazy? I specialize in software issues such as viruses, malware...etc. I also fix all hardware issues. My business is your satisfaction. Jeffrey, 682-0092 or jcpcrepairs@gmail.com. COMPUTER REPAIR/TRAINING - Reliable, affordable, one on one training and repair. For more information visit www.axiompc. net. Nicholas, 413-5491, info@axiompc.net. COMPUTER SERVICES - Repair PC Tune Ups|Virus Removal, Remote Support or Onsite Support for all of Suffolk & Nassau Counties. Reasonable rates, Why Call a Geek? When You Can Call a Hero!. Tom Mc-Cabe, 888-443-7683 or tom@herotechs.biz. COMPUTER SERVICES, ALL - Home & business specialist. New system set ups, tune-ups, virus control, lessons from cert. business teacher. Plenty of references, reasonable rates. Jim, 821-2558.

CUSTOM PAINTING – all types of paint, spackle, business or residential, Lab discount. Billy, 834-2945, kawibp@hotmail.com. CUSTOM QUILING – Turn your keepsakes; Wedding invitations, Birth & confirmation announcments, Bar/Bat Mitzvah and more, into works of art to display. Unique Wedding/Shower gift idea. Carol, 727-7227.

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ELECTRICIAN – 11 years experience, no job too big or too small, reasonable. Aaron. 905-1696.

FLOORING: INSTALLS & REPAIRS - Carpeting, Vinyl and Laminate. Quality sales and service. Over 20 years experience. John, 987-6479.

GENEALOGY – advice and research on family history and genealogy, 30 yrs experience. Jim, Ext. 2432, 821-9178 or jchiggins22@ hotmail.com.

GLUTEN FREE BAKING – The holidays

are right around the corner! Place your order now! Pies, cookies, cakes, brownies ect. anything you need all GLUTEN FREE!. Amanda, Ext. 7354.

GUITAR INSTRUCTION – expert, patient, professional w/music degree and 30+ yrs of experience, inquiries invited. Reid Alburger, Ext. 4554.

EXt. 4004.

HAIRCUT – 10% discount on all hair services for bnl employee and family, 145 Middle Country Rd, Pinewood Commons. Kim,

HAND PAINTED PINSTRIPING - Old school hand painted pinstriping, boat/custom lettering, airbrush since '90. Dominick, 576-

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HANDYMAN – licensed & insured, home remodeling, interior/exterior painting, tilework, woodwork, renovations, powerwashing and building decks etc. Work done w/TLC. Bill, 281-2492.

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HANDYMAN/CARPENTER/HOME IMPROV – Ig/sm, dropceilings, tree/club houses, countertops, sinks, faucets, vanities, drywall, patches, painting, furniture, fencing, cleanups, electrical, plumbing, \$125-\$175/. Rich, 255-3550.

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HOME CLEANING – Home Cleaning Service: local long-islander with several generations of experience in cleaning homes; free estimates for cleaning, or routine errands for sick and elderly. I have a valid NYS driver's license and excellent references. Phone 878-7904: (cell) 631-514-4142. 878-7904.

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HOME IMPROVEMENTS – Your home care co. All phases of home improvements: roofing, siding, bath, kitchen, decks & more. Call for any questions. Lic & Ins. George, 878-1178.

HOME REMODELING – siding/roofing/windows/kit., fin bsmts, trim work etc, 15yr exp,Lic/lns, attention to detail is 1st priority, BNL discounts. Ronald, 804-5842.

HOMEMADE CAKES BY DEBBIE – All occasions, All shapes, Tiered or not. No fondant. Fillings upon request. Have references and pictures. Reasonable. Debbie, 776-0188 or didq00@optonline.net.

HOUSE AND OFFICE CLEANING – Professional cleaning service, 20 years experience, leave a message for Sue. 281-7101.

HOUSE CLEANING – 15yrs experience.

HOUSE CLEANING – 15yrs experience. References available. Lab discount. Weekly, Bi-weekly or one-time cleaning, guaranteed satisfaction. Robyn, 804-6295.

HYPNOTIST – can help you make positive changes in your life; stop smoking, reduce stress, conquer fear, improve athletic performance. 474-3535.

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MUSIC LESSONS – flute and saxophone lessons for beginner students. \$20/half hr or \$30/hr. Jenn, 806-6378.

PAINTER – Interior and exterior painter, powerwashing, spackling etc. Very conscientious, neat and finished work looks like a piece of art done with TLC. Mike, 291-5026. PAINTING/POWER WASHING – Painting/Staining/Specialty Finishes, Trim Work & Power Washing, free estimates, great prices, great work, honest and reliable. Tom Kramer, 300-7274, Diamond0124@aol.com

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POWERWASHING – houses, decks, driveways, stain, and more, very reasonable

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SHEETROCK/SPACKLE/PAINT - free estimates. John, 563-6596.

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rienced professional for your swimming pool closing needs. 20% discount for pool closing and next seasons opening w/1 year contract. Call for regular service pricing. Dominick, 926-2010.

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TUTOR – Experienced chemistry teacher for Regents, AP or College Freshman courses. Stony Brook. 219-7494.

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TUTOR – NYS general ed, special ed, and literacy certified teacher, up to grade 4, reading and/or math focus, available evenings. \$55/hr. 922-1310.

TUTOR - NYS Certified Earth Science Teacher. \$50/hr. Edward, 821-1013.

TUTOR MATHS AND SCIENCE - Stony Brook Engineering PhD student with impressive transcript. Can tutor maths and science from middle school to college level. Ref avail, competitive rates. 516-474-6300

TUTOR READING/ WRITING – Now accepting new students! Master Level teacher available for private sessions with your child (grades k- 12). Very competitive rates. Excellent references available upon request. Jennifer, 395-0984.

TUTORING – Math and Science for \$40/hr, Port Jeff/Smithtown area. 624-0494.

TUTORING - Honors college grad will tutor your children in science and elem/middle school math. Transcript and references available upon request. Emily, 516-662-5896.

VINYL SIGNS – banners, store fronts, magnets, vehicle lettering and graphics, customize anything, helmets, skatebrds, motorcycles, etc, lab discount. Bobbi, 775-7247 or li.viyldestination@yahoo.com.

WATCH BATTERIES – Drop off at lunch, next day return. Starting at \$8. Lithium higher. No Swiss Army. 503-1377.

WEEKEND ENRICHMENT PROGRAM – Science and Language School for children 3-15 years old. Math,Physics,Art,Russian, English, online registration: schoolplusstonybrook.org. 615-4215 or schoolplus_sb@ vahoo.com.

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