

## Smoking Damages Key Regulatory Enzyme in the Lung

Smoking appears to reduce a key enzyme in the lungs, possibly contributing to some of smoking's deleterious health effects, according to a study published in the September issue of the *Journal of Nuclear Medicine* by scientists at BNL and their collaborators. A separate interesting finding was that smokers had a lower blood-stream concentration of the radiotracer used to track the enzyme than nonsmokers did.

"The effects of smoking on human health are enormous; yet, little is known about the pharmacologic effects of smoking on the human body apart from the effects of nicotine," noted lead author Joanna Fowler, Director of the Center for Translational Neuroimaging at BNL.

Fowler and collaborators from BNL, the National Institute on Drug Abuse (NIDA) and Stony Brook University, used positron emission tomography (PET) scanning and a tracer chemical that binds to a specific form of the enzyme monoamine oxidase (MAO A) to track MAO A levels in nine smokers and nine nonsmokers. With whole-body PET imaging, researchers could measure the concentration and movement of the radiotracer and MAO A, a subtype of the enzyme crucial to mood regulation and one that breaks down chemical compounds that regulate blood pressure.

This research was funded by the Office of Biological & Environmental Research within DOE's Office of Science, and by NIDA, a division of the National Institutes of Health. PET imaging is a direct outgrowth of DOE's long-standing investment in basic physics research.

The scans revealed that MAO A was fairly well "intact" in all of the peripheral organs except in smokers' lungs, said Fowler. Smokers had MAO A levels that were 50 percent lower than in nonsmokers, she said, noting that a prior study had also shown a significant reduction of MAO A in smokers' brains.

MAO A breaks down many compounds that affect blood pressure, and the lung is a major metabolic organ in degrading some of these compounds, Fowler said. So reduced levels of MAO A in smokers' lungs may be a significant factor contributing to some of the physi-

ological effects of smoking, including changes in blood pressure and pulmonary function.

Smokers' lungs also held onto the tracer chemical much longer than nonsmokers, and the delivery of tracer into the arterial blood supply was

(continued on page 2)



Roger Stoutenburgh D0350304

Joanna Fowler, lead author on a recent paper on smoking effects (above) worked with co-authors Jean Logan, Gene-Jack Wang, Nora Volkow, Frank Telang, Wei Zhu, Dinko Franceschi, Colleen Shea, Victor Garza, Youwen Zu, Yu-Shin Ding, David Alexoff, Donald Warner, Noel Netusil, Pauline Carter,

*"It's important that the public know about the benefits derived from the DOE's long-term investments in basic science — especially in radioisotope and radiotracer chemistry and imaging physics — which have played such an important role in introducing new nuclear medicine procedures into the practice of health care."*  
— Joanna Fowler

## DOE Awards Joanna Fowler Distinguished Scientist Fellowship

BNL's Joanna Fowler, Chemistry Department, is a winner in the first Distinguished Scientist Fellowship competition sponsored by the Office of Biological & Environmental Research (BER) of DOE's Office of Science. She and three other BER Distinguished Fellows will each receive \$250,000 per year for up to five years, contingent on continued employment at the laboratory at which each received the award.

Fowler began her career at the Lab as a postdoctoral fellow in 1969. She earned a B.A. in chemistry from the University

of South Florida in 1963, and a Ph.D. in chemistry from the University of Colorado in 1967. Her scientific excellence and achievements have been recognized by prestigious awards, including the American Chemical Society's Garvan-Olin Medal, the Society of Nuclear Medicine's Paul Aebersold Award, DOE's E.O. Lawrence Award in Life Sciences, the American Chemical Society's Glen T. Seaborg Award, election to the National Academies of Science in 2004 and the Distinguished Basic Scientist award from the Academy of Molecular Imaging in 2005. She holds eight patents for radiolabeling procedures.

"Dr. Fowler is one of the real stars in our constellation of scientists," said Ari Patrinos, BER's Associate

Director. "She has advanced the field of medical imaging in many significant ways. This award is a small token of our gratitude and support for her."

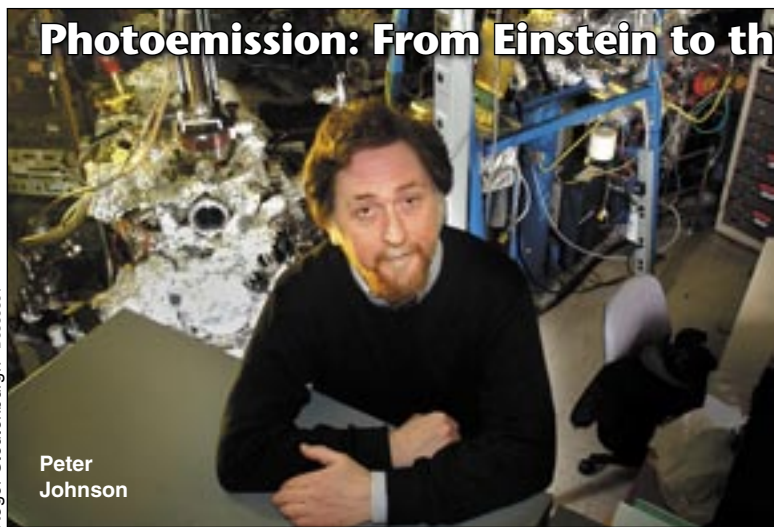
Fowler's research has led to fundamental new knowledge, important scientific tools and broad impact in the application of nuclear medicine to diagnostics and health. She has worked for much of her career on developing radiotracers for brain imaging to understand the mechanisms underlying drug addiction. Most recently, she has been developing methods to understand the relationship between genes, brain chemistry, and behavior.

Fowler played a central role in the development of a fluorine-18, labeled glucose molecule (called FDG) enabling human brain glucose metabolism to be measured noninvasively. This positron emitting-molecule, together with positron emission tomography (PET) imaging, has become a mainstay for brain-imaging studies in schizophrenia, aging, and cancer. Fowler's interest in monoamine oxidase (MAO), one of the two major enzymes involved in neurotransmitter regulation in the brain and peripheral organs, led her to develop the first radiotracers for imaging MAO in the human brain and in peripheral organs like the lungs and kidneys. This led to the discovery that smokers have reduced brain and lung MAO and to many studies relating reduced MAO to some of the behavioral and epidemiological features of smoking.

— Kay Cordtz

## 409th Brookhaven Lecture, 11/16

### Photoemission: From Einstein to the Quantum World



Roger Stoutenburgh D0350304

Photoemission is among the cutting-edge techniques used at BNL and worldwide to investigate properties of materials. The technique measures the energies of the electrons in a material and this information can be related to the physical and chemical properties of that material. For example, photoemission has allowed BNL scientists to make new discoveries in one of the hottest current research topics — high-temperature superconductors. At temperatures that are easy to maintain, these materials become "superconducting," losing all resistance to the flow of electricity and thus acquiring tremendous potential for industrial use.

Photoemission, however, is

not only remarkable for what it can do, but also for how it was discovered and developed. At the end of the nineteenth century, scientists thought of light as moving like waves. But in 1905, a 26-year-old German working in a Swiss patent office, Albert Einstein, thought differently. He postulated the existence of light quanta — tiny pieces of light that act like particles — explaining a puzzle known as the photo-electric effect, and laying the foundation of quantum theory, a revolution in how scientists viewed the natural world.

To learn more about how Einstein's light quanta idea became accepted, and how the needs of the developing TV industry led

to photoemission's becoming one of the most widely used tools in physics, as well as how this technique has been used in some of BNL's newest research, join Peter Johnson, Deputy Chair of the Condensed Matter Physics and Materials Science Department, who will give the 409th Brookhaven Lecture in Berkner Hall at 4 p.m. on Wednesday, November 16. Johnson's talk will be on "One Hundred Years of Photoemission: From Albert Einstein to the Quantum World."

Peter Johnson, who earned his Ph.D. in physics in 1978 from Warwick University, U.K., later moved to Bell Laboratories and then joined the BNL Physics Department in 1983. He received tenure in 1988 and became a senior physicist in 2000. He is an adjunct professor at Stony Brook University and has been a representative, executive member, and Chair of the National Synchrotron Light Source User's Executive Committee. He is a Fellow of the American Physical Society and a Fellow of the Institute of Physics in the U.K.

Refreshments will be served before and after the lecture. To join Johnson for dinner at a restaurant off site, call Arlene Rementer, Ext. 3827.

## ATSDR Public Health Assessment Report: BNL Contaminants Are No Health Hazard

A report released for public comment by the federal Agency for Toxic Substances & Disease Registry (ATSDR) says that off-site contaminants from BNL are at levels too low to cause illness. ATSDR, a public health agency of the U.S. Department of Health & Human Services, evaluates the human health effects from exposure to hazardous substances.

ATSDR scientists examined data about possible contamination to off-site soil, groundwater, air, surface water, and plants and animals due to BNL's operations. In a report called a public health assessment, also posted on BNL's website in the newsroom, ATSDR scientists conclude:

- No health hazard exists in off-site soil
- Some off-site groundwater is contaminated but not at levels expected to cause health effects
- Air releases were not at levels expected to cause health effects
- Some surface water and sediment is contaminated but not at levels expected to cause health effects, and
- Some plants and animals are contaminated but not at levels expected to cause health effects.

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CALENDAR  
OF LABORATORY EVENTS

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

— EACH WEEK —

**Weekdays: Free English for Speakers Of Other Languages Classes**

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

**Mondays & Wednesdays: Pilates**

Mondays at noon, Wednesdays at 5:30 p.m., both in Rec. Hall. 9-week session, \$60 for once a week, \$70 for twice a week. Registration is required. Christine Carter, Ext. 5090.

**Mondays & Thursdays: Kickboxing**

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

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

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

**Tues. & Thurs: Aerobics**

5:15-6:30 p.m., Rec. Hall. 10 classes for \$40, or \$5 per class, pay as you go. Pat Flood, Ext. 7866.

**Tues. & Thurs: Aqua Aerobics**

5:15-6:15 p.m. \$20 to attend once a week, \$40 to attend twice a week. For more information, call Ext. 2873.

**Tues. & Thurs: Jazzercise**

Noon-1 p.m., Rec. Hall. \$88 for twice-a-week eight-week session, you may use the membership at several Jazzercise locations. Christine, Ext. 5090.

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

8:30 a.m.-noon, Rec. Hall. 2- and 3-day programs available. Kati, 821-4131.

**Tuesdays: Welcome Coffee**

10-11:30 a.m., Rec. Hall. First Tuesday of every month is special for Lab newcomers and leaving guests. Lisa Yang, 979-3937.

**Tuesdays: BNL Music Club**

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

**Tuesdays: Jiu Jitsu Club**

6:30-7:30 p.m. in the gym. All levels, ages 6 and above. \$10 per class. Tom, Ext. 4556.

**Tuesdays: Toastmasters**

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

**Tues., Wed. & Thurs: Rec Hall Activities**

5:30-9:30 p.m. General activities, TV, ping pong, chess, games, socializing. Christine Carter, Ext. 5090.

**Wednesdays: On-Site Play Group**

10 a.m.-noon. Rec. Hall. An infant/toddler drop-in event. Parents meet while children play. Fang Dong, 871-5362.

**Wednesdays: Weight Watchers**

Noon-1 p.m. Michael Thom, Ext. 8612.

**Wednesdays: Yoga**

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

**Wednesdays: Ballroom Dance Class**

\$30/pers./6-weeks. Brookhaven Center, N. Ballroom. Beginner merengue, 6 p.m., adv. foxtrot, 7 p.m. Instructor: Giny Rae. John Millener, Ext. 3853; Madeline Windsor, Ext. 5069.

**Thursdays: Reiki Healing Class**

Noon-1 p.m., Bldg. 211 Conference Rm. Nicole Bernholz, Ext. 2027.

**Fridays: Family Swim Night**

5-8 p.m. BNL Pool. \$5 per family.

**Fridays: BNL Social & Cultural Club**

6-9 p.m., North Ballroom, Brookhaven Ctr., dance lessons, 9-11:30 p.m. general dancing. Rudy Alforque, Ext. 4733, [rudy@bnl.gov](mailto:rudy@bnl.gov).

— THIS WEEKEND —

**Friday, 11/4**

**\*Blues, Rock Concert**

8 p.m. Prof. "Louie" & the Crowmatix, with the Lone Sharks band to open. Tickets: \$15 in advance, \$20 at door. Sponsored by the BNL Music Club. See notice, page 4.

**Meet Nancy Losinno, Employee Assistance Program Manager**

Nancy Losinno, LCSW, CASAC, is BNL's new Employee Assistance Program (EAP) Manager. Losinno came to the Lab in September through CIGNA Behavioral Health, the EAP contractor. In the EAP field for over 20 years, she has provided help and advice for employees at institutions such as the Federal Aviation Administration and the Long Island Railroad, as well as major banks, insurance companies and private industry in the New York area.

Losinno will be available to schedule meetings with BNL employees on Tuesdays, Thursdays, and Fridays, in the EAP room 5-1, in the Occupational Medicine Clinic, Bldg. 490. Call Ext. 4567.

Says Losinno, "Although each person who asks for advice through employee assistance programs has individual problems, my years of experience have shown me that the number one mental health problem in the workplace is depression and anxiety. We are living in very anxious times nowadays. I have grouped together some thoughts on this topic in the article at right. I look forward to meeting more BNL employees and finding out how we at EAP can help them handle the anxieties in their lives."



Roger Stoutenburg D1271005

**The CIGNA website**, at [www.cignabehavioral.com](http://www.cignabehavioral.com), is a tremendous resource, whether for browsing for information on a particular subject, or for a personalized stress assessment on Personal Stress Navigator. For User ID enter: BNL, for Password enter: employee. Some of the useful items at this website include free, customized researches for local child care or pet care, or a free, 30-minute legal consultation.

**Smoking Damages Key Lung Enzyme (cont'd)**

much lower for smokers, particularly for the first few minutes after being injected, Fowler added. This finding could imply that smokers and nonsmokers respond differently to other substances that enter the body via the bloodstream, including therapeutic drugs, anesthetics, abused substances, environmental agents — even nicotine.

Fowler and her colleagues have been studying MAO for more than 30 years. Previous research by their group revealed that smokers have reductions in another subtype of the enzyme, MAO B, in the brain and in a variety of the body's peripheral organs when compared to nonsmokers.

"These studies, showing for the first time that smokers have reduced levels of MAO in their brains and in certain peripheral organs, shed mechanistic light on some of the more puzzling aspects of smoking, including a reduced rate of Parkinson's disease in smokers and a high rate of smoking among people with depression and those addicted to other substances," Fowler said. The role played by MAO

in other conditions associated with smoking may also be significant and deserves further investigation, considering the differences observed in the enzyme level between smokers and nonsmokers, she said.

Cigarette smoking accounts for 440,000 deaths each year in the United States, or nearly one of every five deaths, according to the Centers for Disease Control & Prevention. Smoking kills more Americans than AIDS, illegal drugs, alcohol, car accidents, suicides and murders combined and increases one's chances of developing lung, bladder, esophageal and throat cancers; chronic lung diseases; and coronary heart and cardiovascular diseases.

"It's important that the public know about the benefits derived from the DOE's long-term investments in basic science — especially in radioisotope and radiotracer chemistry and imaging physics — which have played such an important role in introducing new nuclear medicine procedures into the practice of health care," Fowler said. — Karen McNulty Walsh

**BNL Contaminants: No Health Hazard (cont'd)**

The public health assessment will be available for public review and comment through November 15. The report can also be reviewed at the BNL Research Library, Ext. 3483, or online at: [www.atsdr.cdc.gov/HAC/PHA/Brookhaven\\_Nat\\_Lab\\_Final\\_PHA\\_1/Brookhaven\\_Nat\\_Lab\\_Final\\_PHA\\_1.pdf](http://www.atsdr.cdc.gov/HAC/PHA/Brookhaven_Nat_Lab_Final_PHA_1/Brookhaven_Nat_Lab_Final_PHA_1.pdf).

**Comments must be made in writing by November 15 to:**

Chief, Records Management Activity ATSDR (Brookhaven National Laboratory) 1600 Clifton Road, N.E. (MS E-60) Atlanta, GA 30333

Comments received during the public comment period will be logged in to the ATSDR administrative record for this public health assessment. Comments received, without the names of individuals who submitted them, and ATSDR responses to the comments will appear in an appendix to the final public health assessment. Names of those who submit comments, however, will be subject to release for requests made under the U.S. Freedom of Information Act.

For more information, contact Environmental Health Scientist Andrew Dudley or Community Involvement Specialist Loretta Bush, toll-free, at 1-888-422-8737. ATSDR Senior Regional Representative Arthur Block also may be contacted at 212-637-4307.

**Wanted: Arts, Crafts for Employee Show, 11/21-23**  
Contact Liz Seubert, [lseubert@bnl.gov](mailto:lseubert@bnl.gov), Ext. 2346.

**Double Trouble: Anxiety and Substance Abuse**

by Nancy Losinno, Employee Assistance Program Manager

Practically everyone who comes asking for help in a general mental health setting has experienced anxiety at some time. Effects can range from mild sweaty palms, to racing thoughts, heart palpitations and inability to concentrate. Some people are adept at controlling the sources of anxiety in their lives, while others must struggle on a daily basis, especially during periods of emotional turmoil or stress. For these reasons, many "at risk" individuals might turn to substances to help them keep anxiety at bay.

**Anxiety: A Common Emotion**

People may not realize that anxiety is one of the common human emotions. It can result from a positive life-change such as a promotion, that may be welcome but is still uncomfortable. It can increase when we are forced to make changes following a loss: a death, a loss of job, divorce, or retirement. Anxiety can be a signal of danger, for example, when we overspend and know that the checkbook will not balance this month; or when we let up on the car accelerator at a particularly sharp turn. In these situations, anxiety is an indica-

tor that we are aware of our surroundings and the impact of our own behavior on our lives.

Overwhelming anxiety, however, can be difficult to understand. Some individuals are more at risk because they have a family history of anxiety disorders. Certain common substances such as caffeine, taken in excess, can create anxiety in vulnerable individuals, and should be avoided. Appetite suppressant aids can also create anxiety and heart palpitations and could cause serious harm.

**Cases Involving Alcohol, Drugs**

The most challenging cases to diagnose cause or effect are those involving alcohol or substances of abuse. The withdrawal pattern from alcohol intoxication usually involves the individual's experiencing some anxiety or psycho-motor agitation. At one end of the continuum, central nervous system agitation takes the form of irritability and can continue on through a slight tremulousness, to shakiness in the body. The most extreme form is a stereotypical withdrawal syndrome which includes sweats, shaking, vomiting, or, in chronic alcoholics, delirium tremens, known as DTs. Someone who is withdrawing from alcohol may experience overwhelming anxiety accompanying these physical symptoms, and may resort to resuming drinking in order to feel "normal." If that person seeks outside help but does not disclose his or her drinking behavior, he or she may be misdiagnosed as having an anxiety disorder. Mixing alcohol and medications for anxiety disorders can have lethal consequences, as well as prolonging a process of addiction.

Other substances of abuse, such as cocaine, marijuana, etc., also present anxiety issues. Because marijuana is a hallucinogenic drug, it can open the door for a more serious psychiatric disorder in some vulnerable individuals, creating a "failure to flourish" syndrome, especially in young people. Cocaine and other drugs that "rev up" the system can create anxiety and depression as the person comes down from an episode of usage. This anxiety and depression can precipitate return to usage, laying the groundwork for addiction.

All drugs have side effects, though individuals who deliberately use alcohol and psycho-active substances for their mood-changing properties may not count on the "down-side" of these substances of abuse. Alcohol is our number one drug of abuse and is legal. Other drugs, even those prescribed for real medical or psychiatric illnesses, can create anxiety or, when mixed with other substances, can create much discomfort.

**Holiday Season Blues**

Especially during the holiday season, when many people can become melancholy, the potential for accidents is greater when there has been too much imbibing or when medications have been mixed with alcohol. At this time, people think about substance abuse recovery, but they tend to wait until after the holiday parties have left their mark. Whenever a recovery program is started, however, it is almost always more effective to begin with a thorough, professional evaluation and referral, rather than attempt a "do-it-yourself" recovery.

Always, if you are concerned about any of these issues in yourself or a family member, you can call the Employee Assistance Program (EAP), Ext. 4567, Monday to Friday, 9 a.m.-5 p.m., located at the Occupational Medicine Clinic, Bldg. 490. At other times, 24/7 coverage is provided for employees and family members at 1-877-622-4327. There, a trained counselor is available to help via CIGNA Behavioral Health, the EAP contractor. You do *not* need to be insured by CIGNA in order to access day or night help from EAP.

**Fidelity Investment Counseling, 11/22**

A Fidelity Investment representative will be at the Lab on Tuesday, November 22, to hold sessions with individual employees interested in learning more about their retirement-savings and investment options. Schedule one of the 30-minute appointments by calling (800) 642-7131.



# ITD Customer Support Gives Valued Computer Help

*“My account is locked!” — “I forgot my password” — “Why is my e-mail not working?” — “My PC is making a funny sound” — “Oh no! I have a blue screen! Help!”*

Does this sound familiar? If so, the Information Technology Division’s (ITD) Customer Support group can help. The Customer Support group at Ext. 5522 assists employees with all their computer needs. More than 120 calls a day come in, and most problems are solved immediately — eight out of ten calls received are resolved while the customer is still on the phone. If the problem cannot be solved immediately, it is referred to a technician for follow-up support. Ninety percent of calls requiring an office visit are resolved within a week. Problems are tracked from start to finish. No problem is considered as solved until the employee is completely satisfied.



Roger Stoutenburgh D1311005

The Information Technology Division’s Customer Support team includes (front, from left) Chris Crawford, Erik Bakke, George Stone, John Muscarello, Bill Baltz, and Dennis Caltieri; (top, from left) Dan Orsatti, Frank Buderman, Ari Lisante, Customer Support Manager Marty Gormezano, Liz Bradley, Amy Stein-Quinn, and Lester Hart.

Recent comments received about ITD’s service include:

*“The techs are truly professional and have repeatedly helped with my responsibilities.”*

*“This is a note of thanks for your organization’s help today with my network problems working from home. Your tech helped me today, and he was genuinely dedicated to helping me, and was very professional and courteous.”*

*“I just wanted to let you know that I recently had a serious problem with my laptop computer and I went to ITD for help. In just a few minutes, the technician found information about the problem on the web and proceeded to very carefully and methodically apply the solution to my laptop. In the end, he saved me days of work in having to recover all of the data and programs on my computer. I felt that his performance on this was truly noteworthy.”*

*“I have found my interactions with the ITD staff are very effective and pleasant. However I particularly want to commend your help desk staff. They have shown an unusual depth of knowledge, an ability to analyze a problem rapidly, and to solve it in an intelligent and resourceful manner.”*

Contact ITD Customer Support at Ext. 5522 or [itdhelp@bnl.gov](mailto:itdhelp@bnl.gov). Employees can also stop by the office, located in Bldg. 129 near the Teachers Federal Credit Union. Normal business hours are 8 a.m.-5:30 p.m., Monday to Friday. For emergency assistance after hours, call (800) 900-1250 and an analyst will return the call promptly.

— Peter Genzer

## One-on-One Retirement Counseling

A TIAA-CREF consultant will visit BNL on Wednesday, November 23; Tuesday, November 29; and Wednesday, November 30, to answer employees’ questions about financial matters, such as the importance of protecting assets against inflation, finding the right allocation mix, learning about TIAA-CREF retirement income flexibility, and comparing lifetime income vs. cash withdrawal options. For an appointment, call Kathy Murphy, (866) 842-2053, Ext. 4625.

## Arrivals & Departures

### — Arrivals —

John Collins.....PPM  
Mahendra Madegowda.....Biology  
Matthew Sfeir ..... Mat. Sci.

### — Departures —

Jennifer Bohon .....Biology  
Alfred Mack ..... C-A  
Xueying Zhao ..... Chemistry

## 11/15 BSA Scholarship Applications Deadline

Monday, November 15, is the deadline for 2006 BSA Scholarship applications. Candidates must be secondary school seniors and children of regular BNL employees. Application forms are available at Human Resources, Bldg. 185.

# Lend a Helping Hand

BNL’s United Way fund drive, “Lend a Helping Hand,” kicked off on November 2 and will run through December 9. A pledge form has been sent to each employee: by completing and returning the form, contributors may donate in a one-time gift or via payroll deduction over the span of 2006.

“I know from my own experience that the BNL community is strong and caring, with tremendous heart,” said Doon Gibbs, Associate Laboratory Director for Basic Energy Sciences, who is this year’s United Way Chair. “The amount of effort volunteered by many employees in past years to reach the United Way goal is truly inspiring. Since 2000, BNL has contributed over \$600K – a remarkable accomplishment.

“Giving is personal, and people often prefer to support a charitable cause that is particularly meaningful to them,” Gibbs continued. “You may choose to benefit any non-profit 501(c)(3) tax-exempt organization, whether or not it is a member agency of the United Way.” Directions for donating are on the pledge form.

More than 175 large and small agencies receive financial support from the United Way, including some that might not otherwise exist.

“Every year, thousands of Long Islanders — perhaps our family, neighbors, friends, and coworkers — are helped by these agencies, which are dependent upon the generosity of people like those in the BNL community,” said Gibbs. “It is personally rewarding to be part of an effort that makes a difference in people’s lives. I am asking that you be part of that effort — ‘Lend a Helping Hand.’”

Other ways that BNLers can contribute to the success of the campaign include:

### Volunteer Days Program, October 15-December 31

In the Volunteer Days Program, BSA provides \$20 to the United Way campaign for every hour you do volunteer work, up to a ceiling of \$10,000. If you are doing any kind of volunteer work, simply fill out and submit a Volunteer Work Receipt form. For more information about the many volunteer opportunities and to obtain forms, contact Maria Beckman, Ext. 5483, or Beth Blevins, Ext. 6033.

### Holiday Gift Auction, December 7-8, 11 a.m.-2 p.m.

Berkner Hall lobby. To contribute, contact Joanne Rula, Ext. 8481; Linda Sinatra, Ext. 6042; or Lois Caligiuri, Ext. 4397.

### Yard Sale, December 7-8, 11 a.m.-2 p.m.

Berkner Hall Lobby. To donate, call Chris Johnson, Ext. 7636.

### 50/50 Raffle tickets, December 7-8, 11 a.m.-2 p.m.

Buy tickets at the Holiday Gift Auction in Berkner Hall.

### Holiday Gift Wrapping, December 19-22, 11 a.m.-2 p.m.

Berkner Hall lobby. For more information, contact Joanne Rula, Ext. 8481.

## United Way Captains

Name	Organization	Bldg	Ext.	e-mail
Noelle Cutter	Biology	463	3293	<a href="mailto:cuomo@bnl.gov">cuomo@bnl.gov</a>
Dick Melucci	Budget Office	460	2911	<a href="mailto:melucci@bnl.gov">melucci@bnl.gov</a>
Juanita McKinney	BSD	1005S	5257	<a href="mailto:mckinney@bnl.gov">mckinney@bnl.gov</a>
Mona Rowe	CEGPA	134	5056	<a href="mailto:mrowe@bnl.gov">mrowe@bnl.gov</a>
Al Farland	CFS	479	7859	<a href="mailto:farland@bnl.gov">farland@bnl.gov</a>
Lois Caligiuri	Chemistry	555A	4397	<a href="mailto:loisc@bnl.gov">loisc@bnl.gov</a>
Kerry Mirabella	C-A	911A	2632	<a href="mailto:mirabella@bnl.gov">mirabella@bnl.gov</a>
Claire Lamberti	CSC	463B	3051	<a href="mailto:lamberti@bnl.gov">lamberti@bnl.gov</a>
Sharon Jones	Counterintelligence	801	2493	<a href="mailto:sjones@bnl.gov">sjones@bnl.gov</a>
Lois Marascia	Director’s Office	460	8600	<a href="mailto:marascia@bnl.gov">marascia@bnl.gov</a>
Linda Strome	ES	599	5384	<a href="mailto:strome@bnl.gov">strome@bnl.gov</a>
BJ Carreras	EENS	179A	3313	<a href="mailto:carreras@bnl.gov">carreras@bnl.gov</a>
Cheryl Conrad	ES&T	475C	2272	<a href="mailto:conrad@bnl.gov">conrad@bnl.gov</a>
JoAnn Totans	ES&T	197D	5209	<a href="mailto:totans@bnl.gov">totans@bnl.gov</a>
Maryann Julian	ES&T	130	4705	<a href="mailto:mjulian@bnl.gov">mjulian@bnl.gov</a>
Susan Walch	ES&T	526	2418	<a href="mailto:walch@bnl.gov">walch@bnl.gov</a>
Janice Depass	ERD	701	5631	<a href="mailto:depass@bnl.gov">depass@bnl.gov</a>
Kathy Schoenig	ERD	701	2818	<a href="mailto:schoenig@bnl.gov">schoenig@bnl.gov</a>
Francine Donnelly	EWMS	860	3381	<a href="mailto:donnelly@bnl.gov">donnelly@bnl.gov</a>
Beth Blevins	EWMS	860	6033	<a href="mailto:blevins@bnl.gov">blevins@bnl.gov</a>
Barbara Roland	Env. Sci.	815E	3275	<a href="mailto:roland@bnl.gov">roland@bnl.gov</a>
Cindy VonGrichten	Fiscal Svcs.	134B	8593	<a href="mailto:gerichten@bnl.gov">gerichten@bnl.gov</a>
Vera Tanabe	Hospitality/Apartment Area			<a href="mailto:vera_tanabe@yahoo.com">vera_tanabe@yahoo.com</a>
Lynn Chang	Hospitality/Apartment Area			<a href="mailto:lynn.chang@gmail.com">lynn.chang@gmail.com</a>
Chie Uematsu	Hospitality/Apartment Area			<a href="mailto:chieppi@amy.hi-ho.ne.jp">chieppi@amy.hi-ho.ne.jp</a>
Nancy Sobrito	HR&OMC	185	7996	<a href="mailto:sobrito@bnl.gov">sobrito@bnl.gov</a>
Susan Foster	HR&OMC	185	2888	<a href="mailto:foster@bnl.gov">foster@bnl.gov</a>
George Rundlett	HR/Training Office	703	5851	<a href="mailto:rundlett@bnl.gov">rundlett@bnl.gov</a>
Terri Maugeri	HR	185	5980	<a href="mailto:maugeri@bnl.gov">maugeri@bnl.gov</a>
Tiffany Minter	ISD	477	7692	<a href="mailto:minter@bnl.gov">minter@bnl.gov</a>
Thomas Schlagel	ITD	515	3211	<a href="mailto:schlagel@bnl.gov">schlagel@bnl.gov</a>
Chris Herbst	ITD	515	5304	<a href="mailto:herbst@bnl.gov">herbst@bnl.gov</a>
Emerson Vernon	Instrumentation	535B	2416	<a href="mailto:evernon@bnl.gov">evernon@bnl.gov</a>
Elliott Levitt	Internal Audit	134A	2495	<a href="mailto:levitt1@bnl.gov">levitt1@bnl.gov</a>
Diana Votruba	Magnet	902A	5123	<a href="mailto:votruba@bnl.gov">votruba@bnl.gov</a>
Eileen Levine	Mat. Sci.	510A	3995	<a href="mailto:elevine@bnl.gov">elevine@bnl.gov</a>
Bill Gunther	Medical	490	4961	<a href="mailto:gunther@bnl.gov">gunther@bnl.gov</a>
Judy Thompson	CFN	555A	4176	<a href="mailto:thompsonj@bnl.gov">thompsonj@bnl.gov</a>
Kathy Lovero	NSLS	725B	7188	<a href="mailto:loverro@bnl.gov">loverro@bnl.gov</a>
Linda Hanlon	NNS	197C	7517	<a href="mailto:hanlon@bnl.gov">hanlon@bnl.gov</a>
Amber Melosi	Physics	510A	3807	<a href="mailto:melosi@bnl.gov">melosi@bnl.gov</a>
Cindy McQuilken	Physics	510A	5568	<a href="mailto:mcquilken@bnl.gov">mcquilken@bnl.gov</a>
Chris Johnson	Plant Eng.	97	7636	<a href="mailto:johnsonc@bnl.gov">johnsonc@bnl.gov</a>
Debbie Doyle	Plant Eng.	326	3084	<a href="mailto:doyle@bnl.gov">doyle@bnl.gov</a>
Ed Murphy	Plant Eng.	134C	3466	<a href="mailto:etmurphy@bnl.gov">etmurphy@bnl.gov</a>
Tirre Farmer	Plant Eng.	452	3288	<a href="mailto:farmer@bnl.gov">farmer@bnl.gov</a>
Patria Cortes	Plant Eng.	326	3084	<a href="mailto:cortes@bnl.gov">cortes@bnl.gov</a>
Barbara Simpson	PPM	355	7643	<a href="mailto:simpson@bnl.gov">simpson@bnl.gov</a>
Beth Evely	QM	902C	3689	<a href="mailto:evely@bnl.gov">evely@bnl.gov</a>
Joyce Fortunato	QM	902C	4229	<a href="mailto:mortimer@bnl.gov">mortimer@bnl.gov</a>
Beth Lettieri	Rad. Ctrl.	120	8035	<a href="mailto:blettieri@bnl.gov">blettieri@bnl.gov</a>
Mindy Markstaller	SSD	50	2280	<a href="mailto:markstaller@bnl.gov">markstaller@bnl.gov</a>
Christine Bartow	SSD	50	3602	<a href="mailto:Bartow@bnl.gov">Bartow@bnl.gov</a>
Sarah Wiley	S&H Svcs.	120	4207	<a href="mailto:swiley@bnl.gov">swiley@bnl.gov</a>

## CALENDAR

(CONTINUED)

### — WEEK OF 11/7 —

#### Tuesday, 11/8

##### BREA Monthly Business Meeting

Noon-1 p.m., Bldg. 475C, Conference Rm. 107. All are welcome to attend. Joyce Tichler, [tichler@bnl.gov](mailto:tichler@bnl.gov).

#### Thursday, 11/10

##### Free Prostate Cancer Screening

Pre-registration is required for this service, which includes a PSA blood test and a digital rectal examination, offered 2-4 p.m. on 11/10 in the Occupational Medicine Clinic. Call 1-800-862-2215 to register. For information, contact Michael Thorn, Ext. 8612 or [mthorn@bnl.gov](mailto:mthorn@bnl.gov).

##### BSA Lecture: Einstein 1905

4 p.m. Berkner Hall. BSA Distinguished Lecture by physicist and author John S. Rigden, Washington University, on “Einstein 1905: The Standard of Greatness.” All are welcome to this free lecture.

#### Friday, 11/11

##### Veterans’ Day — Lab Closed

The Lab will be closed in honor of Veterans’ Day. No Bulletin will be issued this week.

### — WEEK OF 11/14 —

#### Tuesday, 11/15

##### Yokogawa High-Speed Scope Demo

10 a.m.-3 p.m., Representatives from Contech Marketing Associates will feature new data acquisition products and will demo a new source measurement unit. BNLers may also enter a drawing for an iPod Nano. Anthony, 516-857-8075.

##### Lecture on Menopause

Noon, Berkner Hall, Room B. Doris Weisman of Stony Brook University’s School of Medicine and School of Nursing will talk on menopause. Registration is requested. For more information, contact Michael Thorn, Ext. 8612.

#### Wednesday, 11/16

##### \*Brookhaven Lecture

4 p.m. Berkner Hall. Peter Johnson, Deputy Chair, Condensed Matter Physics & Materials Science Department, will talk on “One Hundred Years of Photoemission: From Albert Einstein to the Quantum World.” All are welcome. See page 1.

#### Saturday, 11/19

##### Celebrate Diwali, Festival of Lights

3:15 p.m. Berkner Hall. Celebrate Diwali with the BERA Indo-American Association. Cultural program of music, dance, with traditional Indian dinner at 7:30 p.m. Admission: \$12 adults, children 8-12, \$8. Contact Sharadha Sambasivan, Ext. 4862. See notice, page 4.

### — WEEK OF 11/21 —

#### Mon.-Wed., 11/21-23

##### BNL Annual Arts & Crafts Show

11:45 a.m.-1:30 p.m. daily, with opening reception with refreshments 5-7 p.m., Monday, 11/21. Sponsored by the BNL Art Society. All are welcome to come and view gifted creations by artistic Lab community members. More exhibits are wanted: paintings, photos, crafts, etc. Contact Liz Seubert, Ext. 2346, Doris Rueger, Ext. 5663, Elaine Lowenstein, Ext. 2400.

#### Thursday, 11/24

##### Thanksgiving Day

The Lab will be closed on Thursday and Friday, 11/25, in observance of the Thanksgiving Holiday.

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

## Classified Advertisements

### Placement Notices

The Lab's placement policy is to select the best-qualified candidate for an available position. Candidates are considered in the following order: (1) present benefits-eligible employees within the department/division and/or appropriate bargaining unit, with preference for those within the immediate work group; (2) present benefits-eligible employees within the Laboratory; and (3) outside applicants. In keeping with the Affirmative Action Plan, selections are made without regard to age, race, color, religion, national origin, sex, disability or veteran status. Each week, the Human Resources Division lists new placement notices, first, so employees may request consideration for themselves, and, second, for open recruitment. Because of the priority policy stated above, each listing does not necessarily represent an opportunity for all people. Except when operational needs require otherwise, positions will be open for one week after publication. For more information, contact the Employment Manager, Ext. 2882. Access current job openings on the World Wide

The following positions have been exempted from the freeze by the Deputy Director:

**LABORATORY RECRUITMENT** – Opportunities for Laboratory employees

TB3571. ADMINISTRATIVE SECRETARY (A-2) – Requires four years of related experience that demonstrates the ability to perform the job duties, the ability to use Lab-wide administrative systems including the GIS system, PeopleSoft HR, PeopleSoft financials, Web requisition, and MS Word. In addition, requires good interpersonal skills. Will be responsible for providing diversified secretarial support with job duties including: arranging foreign and domestic travel, setting up and conducting major workshops including travel arrangements, participant support, agenda, office space and proceedings. Will have significant interaction with visitors and guests, will process and maintain group publications and set up webpages for individuals and groups. Position is with the RIKEN Experimental Group. Physics Department.

**OPEN RECRUITMENT** – Opportunities for Laboratory employees and outside candidates

MK4181. POSTDOCTORAL RESEARCH ASSOCIATE – Requires a recent Ph.D. in cloud physics and/or microwave radiative transfer in the atmosphere, or a recent Ph.D. in electrical engineering or medical imaging with a tomographic focus. Skill in computer modeling is essential. The successful applicant will join a team led by the ARM Chief Scientist, Dr. Warren Wiscombe, with BNL staff members including Drs. Mark Miller, Andy Vogelmann, and Yangang Liu. Brookhaven has a strong presence in the ARM Program including several members of the ARM Science Team. Will conduct Observing System Simulation Experiments concerning microwave cloud tomography, both active (transmission) and passive (emission), leading to a field demonstration. In addition, will have the opportunity to create a new field of research almost ab initio, the only previous work in cloud tomography being papers by Warner and Twomey in the 1980s. Early work will define an optimal tomographic system by developing a computer model with simulated clouds and simulated instruments, and studying the many tradeoffs between source-receiver configurations and cloud structure. Later work will involve helping the ARM Program, a \$40M/year effort with several permanent field sites around the world, creating a demonstration of this optimal system. Under the direction of W. Wiscombe and M. Miller, Environmental Sciences Department.

NS2537. RECREATION REPRESENTATIVE (A-3, Part-time Position) - Under minimal supervision, oversees the general operation and maintenance of the Laboratory recreation facilities. Must have significant experience in a recreational supervisory capacity, be LGC- & CPR-certified in accordance with American Red Cross, and have the abil-

ity to maintain those certifications. Must have NYS driver's license. Shift work as needed, in either pool or gym, or both, including evenings and weekends as required. Ability to withstand exposure to heat, water, weather, and must be able to lift 50 lbs. Duties include, but are not limited to: reviewing qualifications of pool personnel, such as lifeguard training, CPR training, background checks etc, and maintaining training records for all employees, determining personnel needs and scheduling recreation and pool employees, cost accounting and record keeping of all fees collected, and time reporting. Must have extensive knowledge of and adherence to Laboratory safety procedures and training guidelines and employ Laboratory resources to support and maintain facilities. Coordinates calendar for facility use and requirements at various recreation areas assists in the development and curriculum of the BNL/BERA Summer Camp Program, provides oversight, curriculum, and scheduling of the BNL Children's Swim Program, including the application process, staffing, training, & certificates. Participates in meetings with supervisors & safety personnel as needed. Staff Services Division.

TB3794. SCIENTIFIC ASSOCIATE III (P-3, term appointment) – Requires a master's degree in a relevant field such as engineering, international affairs, or political science and three years' experience in non-proliferation and open source research. Familiarity with nuclear fuel cycles, international safeguards, and excellent written and oral communications skills also required. Experience working with the International Atomic Energy Agency (IAEA) and knowledge of the Additional Protocol desired. Will be responsible for monitoring open sources of information and analyzing and packaging relevant information for provision to the IAEA for their files. Assistance to other BNL Safeguards projects is also possible. Significant foreign travel is expected. Nonproliferation & National Security Department.

TB3103. OFFICE SERVICES ASSISTANT (CW-2) - Requires an AAS degree or two years' equivalent related experience and a working knowledge of personal computers, exposure to computerized business systems, and knowledge of Excel and Word. Exposure to accounts payable processing very desirable. Fiscal Services Division.

### Motor Vehicles & Supplies

01 CHRYSLER SEBRING LXI - coupe, a/t, a/c, p/s, p/w, p/l, LoJack, s/roof, excel. cond., all records. 115 mi. \$6,300/neg. 363-6940.

98 HONDA CIVIC EX COUPE - 2 dr., new tires, batt., s/roof, all pwr., excel., must sell. 84K mi. \$5,500/neg., Ext. 4705 or 929-4978.

96 VW JETTA - 4-dr., 4-cyl., 5-sp., a/c, c/c, p/s, p/w, p/b, in-dash CD, gd mpg, excel. in & out. 125K mi. \$3,000/neg. 689-3892.

94 PONTIAC FIREBIRD - must sell, excel., 6 cyl., t-tops, new stereo, tires, batt. 101K mi. \$2,500. Mark, Ext. 2238 or 828-6459.

88 CHEVROLET VAN - new 350 eng., new tires, runs excel. \$1,400/neg. 987-6479.

87 JAGUAR XJ6 - showroom black ext., gd. running cond. 88K mi. \$2,750. 878-0898.

67 VW BUG SHELL - good project car, no rust, needs eng., interior, many parts. 0 mi. \$1,200. Jim, Ext. 4660.

MEYERS PLOW - snow plow 7.5 Meyers, plow angle, excel. cond., garage-kept. Ask \$1,700. Anthony, Ext. 4867 or 872-8333.

RIMS & TIRES - 18" chrome, with low profile tires. 1 tire needs to be replaced. \$600/obo. Tiffany, Ext. 7692.

SNOW TIRES - 4 Bridgestone Blizzaks, size 205/60, 15 inch dia., used one season. Paid \$500, sell for \$200. Peter, Ext. 2913.

UTILITY TRAILER - 44x56 flat, tilt bed, stored indoors, never assembled. \$250. Susan, Ext. 3492 or 734-2593.

WHEELS & TIRES - Michelin Artic Alpin winter tires P205/60R15 mounted on alloy rims, off 98" Audi A4, ask \$200 neg. 369-5597.

### Furnishings & Appliances

BEDROOM SET - Queen sz., white laminate w/mirrored, lighted hdbd., dble. dresser, armoire incl. \$500, you pick up. 642-8043.

COUCH & LOVESEAT - multicolor, excel. cond., need to sell by 11/15, best offer, pics. avail. Barbara, Ext. 3431.

DINETTE - 6 ft. rectglr. table, off-wh. Formica top w/wd. edge, 6 high-back chairs w/oak trim, \$75. Chris, Ext. 7365 or 472-3488.

DINING ROOM TABLE - solid honey oak, w/two leaves & protective pads, 4 upholst. chairs, \$500, pics. avail. 909-1498.

DRYER - Maytag, full size \$50. Ext. 8321 or 804-8609.

FURNITURE - dry sink, dresser, love seat, hutches & more, best offers. 208-0408.

MOVING SALE - newish & rarely used items: Sony TV, armoire, etc. See <http://tinyurl.com/9qncw>. Yongjae, Ext. 8485 or 821-2260.

ORIENTAL RUG - Almost 9'x12'; mostly navy, burgundy, beige; wool & acrylic; like new; \$250 neg. 473-2473.

PEWTER LAMP - tall, stenciled lampshade, pink and teal-colored flowers, asking \$7. Pics avail. Barbara, Ext. 3431.

PIANO - Story & Clark, upright piano; dark wood w/ mirrored shelf. You pick up. \$400/ neg. 744-8933.

WASHER & DRYER - Maytag, 2 yrs. old, excel. cond., white, paid \$450, sell for best offer. Pat, Ext. 3536.

### Audio, Video & Computers

COMPUTER - Compaq Presario 5155, 350Mhz K6, 8GB hard drive, 128MB RAM. \$25 obo. Gary, Ext. 2550 or 312-3205.

JUKE BOX - by Rockola. Recent needle and maintenance. Use 45rpm records. Asking \$650. Tirre, Ext. 3288 or 872-8972.

MS OFFICE XP SMALL BUSINESS - Vers. 2002, new, Word, Excel, Outlook, Publisher, pd. \$130, bst offr. Ext. 7237 or 929-6571.

### Sports, Hobbies & Pets

2001 HONDA TRX400 - low hrs., excel. cond., many extras, ask \$3,200. Scott, 846-6874 eves.

BREEDER FISH TANK - 30 gallon, plus metal stand & glass canopy, \$40. 289-4327.

CYCLING HELMET - hardly used, size small, \$10. Elaine, Ext. 3830.

DRY SUIT - O'Neill large, gently used, good seals, red/black, for winter surfing. \$100. 878-0898.

EXERCISE EQUIPMENT - Nordic Track Excel Exerciser, oak, steel frm., whls., excel., pd. \$450, bst. offr. over \$195. 208-0408.

EXERCYCLE & TREADMILL - like new, \$100/ea. Charlie, 331-9176.

POCKET BIKE - Silver 49cc \$275. Maryann, Ext. 4705 or 929-4978.

SKI BOOTS - Nordica T5.2, sz. 250-255, 290 mm. Walk/ski switch, replaceable shoes, used once, best offer. Ext. 4409.

### Tools, House & Garden

ARC WELDER - A/C 230/115 volts 100 amps max. output. Carbon arc torch & cart incl. \$100 firm. Ext. 5551 or 772-4751.

WET SAW - MK, 10" w/stand, 1 blade for marble & tile, 1 blade for brick pavers, \$50. Ext. 6273.

WINDOW - New Anderson wood bsmt w/ vinyl, 25w x 15h, maint. free, energy efficient, cost \$60, b/o/o \$30. 208-0408.

### Miscellaneous

ANTIQUE CAST IRON TUB - very good condition, 30x60, \$125 firm. 473-7832.

BATHROOM SCALE - 3 yrs. old, hardly used. Gd. working cond., askg. \$10; crockpot, excel. cond. askg. \$10. Ext. 3431.

BRIDAL GOWN SLIP - gives fullness to gown, size L, never worn, \$30. 878-2239.

DISHES - white china set w/silver Greek key edge, service for nine w/many extras. \$40. 472-3488.

KITCHEN - Formica countertops (\$50) and stainless steel sink w/ faucets (\$50). Pick up in Port Jeff. Station. Ext. 4532.

LUGGAGE - Samonite 3-pc. Amer. Tour., \$15; 20" flr. fan, \$25/ea. Nintendo \$12; Gameboy w/games \$10, more. 751-7053.

SOIL FILL - clean sandy soil, 20+ cu. yds., share cost to trailer from Manorville. James, 344-5537.

### Community Involvement

SCALLOR DINNER - Cutchogue Methodist Church, Election day 11/8 seating at 5, 6, & 7 p.m., adults \$16, under 10, \$8. 734-9087. Bob, Ext. 2451.

### Free

BOOKS - ssorted old books. Elaine, Ext. 3830.

COMPUTER MONITOR - NEC MultiSync A500, 15", color. Scott, Ext. 7110 or 874-3652.

COUCH AND CHAIR - sage and beige floral pattern, good cond.. you pick up. Pat, Ext. 2531 or 727-0547.

### Wanted

ARTS & CRAFTS - by BNL employees, retirees, facility users, & families (over 14), for annual Fall show, 11/21-23, Berkner. Liz Seubert, Ext. 2346, lseubert@bnl.gov.

EXCAVATOR - w/backhoe, 20-40 cu. yd. trailer for hire. Jim, 344-5537.

FREE TURKEY COUPONS - wanted for donation to area food pantries. Send to M. Beckman, Bldg. 120.

INFANT CAR SEAT - with car seat base. Byoung-Chul, Ext. 7073.

### Lost & Found

GLASSES/SUNGLASSES CASE - black, hard case w/zipper. Keith, Ext. 6399.

### For Rent

COMMACK - Lge studio apt., kitch, w/dinette, flr/bath, l/r, closets, all util/cable incl, singl. prof., N/P, above grd, pvt ent. \$850/mo. Mr. & Mrs. Heyman, 864-8119.

## Blues, Rock Concert at BNL, Tonight! Professor 'Louie' & The Crowmatix With The Lone Sharks to Open the Show

Professor "Louie" & The Crowmatix, a Woodstock, New York-based band that plays a mix of blues, rhythm & blues, and rock both nationally and internationally and whose CDs include the "Spirit of Woodstock" to be released this fall by the New York State Museum, will give a concert in Berkner Hall tonight, Friday, November 4, at 8 p.m. The Lone Sharks, a local band founded by singer-songwriter Gene Casey, will open the show. Sponsored by the BNL Music Club, the concert will be open to the public. All visitors to the Lab age 16 and over must bring a photo ID.

Tickets for the concert cost \$15 each in advance, and \$20 each at the door. Buy tickets in advance from [ticketweb.com](http://ticketweb.com); or the BERA Sales Office in Berkner Hall, weekdays, 9 a.m.-3 p.m. For more information, call Ext. 3846.

## Celebrate Diwali, Festival of Lights, 11/19

All are invited to celebrate Diwali, the Festival of Lights, with the BERA Indo-American Association on Saturday, November 19, at Berkner Hall. The cultural program of Indian music and dances starts at 3:15 p.m., followed by a traditional Indian dinner at 7:30 p.m. Admission: adults, \$12; children of ages 5-12, \$8. Part of the proceeds will be donated to the American Red Cross. For tickets, contact Shailendra Chouhan, Ext. 2443; Ramesh Gupta, Ext. 4805; or Sharadha Sambasivan, Ext 4862. For more information, see <http://geocities.com/TheTropics/Harbor/1595/iaaEvents.html>.



### Get to Know Your Lab! Tour PHENIX, 11/10

The next employee lunch-time tour will be on Thursday, November 10, when the group will learn about PHENIX, the largest of the detectors at BNL's Relativistic Heavy Ion Collider, where scientists are simulating the conditions that occurred at the dawn of time, right after the Big Bang. All those interested should meet at the upper lobby of Berkner Hall at noon. The tour will end, back at Berkner, by 1 p.m.

## Ving Tsun Kung Fu Demonstration, 11/10

Master William Moy, Head of the Moy Yat Family of Ving Tsun Kung Fu and a Master of Ving Tsun, will give a demonstration of this traditional art as taught in China, with some of his students, in Berkner Hall on Thursday, November 10, noon-1 p.m. All are welcome to attend this free event. If there is enough interest among members of the BNL community for a new BERA club to be formed, Master Moy is willing to teach Ving Tsun on site to all interested, for a reasonable tuition. For more information, contact Scott Bradley of the Information Technology Division, [bradley@bnl.gov](mailto:bradley@bnl.gov).



### For Sale

EAST MORICHES, NY - cust. Cape Cod, 3 bdrm, 2 bath, great room w/stone f/p & skylights, one acre, pvt. drive, hardwood flrs, oversized 2-car gar. \$575,000/neg. 878-3112.

EAST MORICHES - waterfront condo, upper end unit, 3 bdrm, 2 full baths, 2 decks, on 52 acres w/horses, pastures, tennis, htd. pool, marina slip. Immed. \$675,000, 806-4955.

EAST QUOGUE - New condo, 2 bdrm, 2 bath, upper unit w/1-car gar. in a Sr community. Cust. shades/closets, cac, maint free, low comm. chgs. \$649,900. 723-0770.

EASTPORT - 4 bdrm, 1 bath on 1/2 acre, stainless appliances, d/r, patio, close to school, water and town. \$510,000/neg. Susan, 325-9671.

SHOREHAM - Cape in SWRS, 4 bdrm, 3 full bath, updated kitch, partly finished full bsmt. \$379,000 821-3110.

### In Appreciation

Thank you to all my co-workers and friends for your kind gift and support after the passing of my sister and brother-in-law. The Raynis and Hearn families wish to bless every one of you for your words of comfort.

To all my friends and co-workers at BNL; Thank you for your kindness and support after the passing of my mother. It was deeply appreciated. — Jason Farrell

### On-Site Service Station Tip of the Month

Many of our customers have received traffic tickets for not having a current NY5 motor vehicle inspection . Check your expiration date, and if you need to, call us at Ext. 4034 to schedule an