

Vol. 57 - No. 32

September 19, 2003

## **International Experts in Advanced Nuclear Power** Meet at BNL to Plan for Security in Future Systems

he nuclear energy systems of the fu-⊥ ture — Generation IV nuclear energy systems, as they are called — will be able not only to generate electricity but also could produce hydrogen, for such uses as hydrogen-powered cars, and could be used for district heating. All these enhancements could be of great value worldwide, and so safety, waste minimization, proliferation resistance and physical protection must be assured for these systems.

To formulate a methodology for evaluating the degree of proliferation resistance and physical protection that would be designed into these advanced systems, an international group of experts met at BNL on August 27-28.

Led by DOE's Office of Nuclear Energy, Science, & Technology, the overall program for this effort has the cooperation of twelve nations. Co-chairing the group of experts, which is co-sponsored by the National Nuclear Security Administration, are Robert Bari, of BNL's Energy Sciences & Technology Department and Per Peterson of the University of California, Berkeley, while Jordi Roglans of Argonne National Laboratory serves as technical director.

The experts will apply their chosen methodology to a sample future nuclear energy system concept next year.

Liz Seubert



The international group of advanced nuclear systems experts gathered at the August meeting at BNL included: (seated, from left), Burrus Carnahan, U.S. Department of State; Robert Bari, BNL; Jordi Roglans, Argonne National Laboratory; Per Peterson, University of California, Berkeley; Tom Shea, International Atomic Energy Agency; (standing, from left) Jim Hassberger, Lawrence Livermore National Laboratory; Michael Golay, Massachusetts Institute of Technology; Kory Budlong Sylvester, Los Alamos National Laboratory; Gary Rochau, Sandia National Laboratory (SNL); Dennis Bley, Buttonwood Associates; Steve Mladineo, Pacific Northwest National Laboratory; John Groves, UK; Jean Cazelet, France; Richard Nishimura, Canada; David Beck, SNL; Philippe DeLaune, France; Keiichiro Hori, Japan; Myung Seung Yang, Republic of Korea; Glenn Hawkins, UK; Michael Modro, Idaho National Engineering & Environmental Laboratory.

## Nine Brookhaven Scientists Awarded Tenure

Brookhaven Science Associates granted tenure on June 1 to nine BNL scientists. They are: Mark Baker, Chemistry Department; Leslie Bland, Physics Department; Christopher Homes, Physics; Jean Logan, Chemistry; Ron Pindak, National Synchrotron Light Source Department; David Schlyer, Chemistry; Subramanyam Swaminathan, Biology Department; Dejan Trbojevic, Collider-Accelerator Department; and Gene-Jack Wang, Medical Department. With the following article, the Bulletin completes its series on the accomplishments of each of these tenured scientists.

### **Gene-Jack Wang**

ene-Jack Wang Jwas<sup>°</sup> awarded tenure in the Medical Department for outstanding work on brain-imaging studies in important areas of health, including obesity and drug 튤 addiction.

"In addition to



jects more sensitive to the rewarding properties of food.

Wang's earlier PET studies explored the possible connection between exercise and reward, differences in how men and women respond to drugs, drug craving, aging, and monitoring radiation therapy in brain cer patients.

## NYS Senators Balboni, Flanagan Visit BNL Learn About Lab's Homeland Security Initiatives, More

ast Friday, September 12. New York State Senator Michael Balboni, 7th District, who chairs the Senate Committee on Veterans, Homeland Security and Military Affairs, and New York State Senator John Flanagan, 2nd District, who, among other contributions, is a member of that same Committee, visited BNL with



After being welcomed by BNL Director Praveen Chaudhari, as well as DOE's Brookhaven Area Office Manager Michael Holland, Associate Laboratory Director for Energy, Environment & National Security Ralph James, and Assistant Laboratory Director for Community, Education, Government & Public Affairs Marge Lynch, the party was taken to the Lab's Radiation Detector Testing & Evaluation Facility (RADTEC).

There, Charles Finfrock of the Energy Sciences & Technology Department; Biays Bowerman of the Environmental Sciences Department; and Paul Moskowitz of the Nonproliferation & National Security (NNS) Department outlined the purpose of RADTEC, which is twofold - to assemble, operate, and test commercial and government off-the-shelf technologies targeted for various homeland security applications, and to provide baseline data for comparison purposes. At the facility, researchers collect baseline data on various types of detectors, and are available to provide assistance in training city, state, and federal officials to operate the detectors and interpret the results. RADTEC is open to all commercial and government technology vendors and is expected to become an important resource for local, county, state, and federal officials.

The visitors next stopped at the National Synchrotron Light Source (NSLS), to meet Associate Laboratory Director for Light Sources and NSLS Chair Steven Dierker and NSLS scientist Peter Siddons, who gave an overview of some of the research done in such diverse fields as biology and physics, chemistry and geophysics, materials science and medicine. The group then saw beam line X12A, where detectors being developed by BNL and others in support of homeland security initiatives are inspected at a new testing station.



At BNL's Radiation Detector Testing & Evaluation Facility are: (from left) NYS Senator John Flanagan, BNL's Ralph James and Paul Moskowitz, and NYS Senator Michael Balboni.

with Instrumentation staff, Peter Vanier of NNS is developing a detector that acts as a camera to make images of objects that emit low-energy neutrons. As Vanier explained, since there are very few natural background neutrons, and they are uniformly distributed, a concentrated source of neutrons is strong evidence of a manmade device, such as a plutonium weapon, or of spent nuclear fuel.

Graham Smith, Instrumentation, then showed the visitors a working prototype of a xenon-filled gamma ray spectrometer that BNL is developing to detect radioisotopes potentially in the terrorist arsenal, such as dirty bomb materials. Xenon detectors can be built in very large sizes, so as to pick up signals of radioisotopes more quickly and over a wider area than do instruments now available. Hence, these detectors will be suitable for homeland security applications.

One of BNL's most enormous detectors, STAR, provided the next stop on the tour. The visitors learned from Tim Hallman, Collider Accelerator Department, that STAR tracks and analyzes thousands of particles, such as protons, neutrons, and pions, that may be produced in collisions of two beams of subatomic particles speeding around the tunnel at the Relativistic Heavy Ion Collider (RHIC). In the RHIC experiment, scientists expect to discover more about conditions that existed in the first few microseconds of the universe.

The visit concluded at the Positron Emission Tomography (PET) facility, where David Schlyer, Chemistry Department, described some of the Lab's pioneering neuroimaging research on the brain chemistry of addiction, aging, and diseases such as Parkinson's and Alzheimer's, and the recent PET research on imaging awake animals. Some of this work has veterinary support from the State University of New York's Downstate Medical Center in Brooklyn.

conducting his own of research, Gene-Jack 🖁 has facilitated the research of other clini-

cal investigators by design of protocols and superb management of the Positron Emission Tomography (PET) imaging staff, and by service within the Clinical Research Center," said John Gatley, then Medical Department Interim Chair.

Wang's most recent studies were the first to document differences in brain biochemistry associated with pathological overeating. One study revealed that obese subjects, like drug addicts, have lower than normal levels of receptors for dopamine, a brain chemical associated with reward and pleasure, implying that individuals with pathological eating disorders may be compensating for an understimulated reward system.

Another study found enhanced metabolic activity in the parts of the brain that receive sensory input from the mouth, lips, and tongue among obese individuals, perhaps making these sub-

"His work has revealed information that we did not know

before and this has caused us to search for explanations," said Gatley. "These studies form the foundation for real advances for researchers trying to understand brain-behavior and brain-disease relationships."

Wang received his M.D. from Kaohsuing Medical University, Taiwan, in 1980. After two years of national service as an Army Medical Officer, he entered The Johns Hopkins University and earned a Master's degree in radiation health sciences in 1984. He completed his residency at the University of Missouri at Columbia, and fellowships at the Albany Medical College and Stony Brook University. A New York State licensed physician who is board-certified in nuclear medicine, he joined BNL in 1990. From 1996 to 1998, he was Associate Chief of Staff — and from 1998 to 1999 Chief of Staff - of BNL's Clinical (continued on page 2)

The tour continued at the Instrumentation Division, where, in collaboration

– Liz Seubert

### **Pegram Lecture Series George Whitesides on Nanoscience: Status, Prospects**

eorge M. Whitesides, a chemistry professor at Harvard University, will give three lectures as part of the George B. Pegram Lectureship Series, on "Nanoscience: Status and Prospects" on Monday, September 22, at 5 p.m., and on Tuesday, September 23, at 11 a.m. and 4 p.m. in Berkner Hall.

The series will consist of the following lectures:

9/22, 5 p.m. Nanoscience and Nanotechnology Whitesides will explain what these new areas of science and technology are all about, and why they are attracting so much attention.

#### 9/23, 11 a.m. Microtools for Biology

Whitesides will discuss a combination of five materials and techniques that are providing a new set of tools for use in biochemistry and cell biology.

9/23, 4 p.m. The Future of Science and Technology Whitesides will discuss the impact of science and technology on life and society if common assumptions about the world become invalid. (continued on page 2)



#### The Bulletin

which helped her overcome her

depression. During her leave,

she volunteered at a women's

shelter, studied astronomy and

math, and she resumed play-

Kim organized a group for

women in physics, which in-

cludes a mentoring program

for young women physicists.

She has taken a leadership role

in Columbia's chapter of the

Society of Physics Students,

which includes organizing in-

formal weekly dinners lively

with discussions of physics

courses and current research

projects at Columbia. She has

also recently received the So-

ciety of Physics Students Lead-

an intern at DOE's Fermi Na-

tional Accelerator Laboratory

in Illinois. She expects to

graduate in May 2004 with a

B.S. in physics and mathemat-

ics, and she intends to earn her

Ph.D. in experimental high

Diane Greenberg

energy particle physics.

This summer, Kim worked as

ership Scholarship.

After returning to Columbia,

ing the piano and violin.

## 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 Chris Carter, Ext. 2873.
- Additional information for Hospitality Committee events can 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 Rulletin

### — EACH WEEK —

#### Weekdays: Free English for Speakers of Other Languages Classes

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

### Mon., Tues., & Thurs.: Kickboxing

\$5 per class. Mon. & Thurs. noon-1 p.m. in the gym; Tues., 5:15-6:15 p.m. in the gym; Thurs., 5:15-6:15 p.m. in Brookhaven Ctr. Registration is required. Christine Carter, Ext. 2873.

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

Noon- 12:45 p.m., Brookhaven Center North Room. Adam Rusek, Ext. 5830 or rusek@bnl.gov. **Tuesdays: Welcome Coffee** 

### 10-11:30 a.m. Rec. Hall. Hospitality event. Come

and meet friends. The first Tuesday of every month is special for Lab newcomers and leaving guests. Hospitality Chair Monique de la Beij, 399-7656.

### Tuesdays: BNL Music Club

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

### Tuesdays: Singles Club 5:15 p.m., Brookhaven Center. Contact: Jean, Ext. 4391.

Tuesdays: Toastmasters

Ist and 3rd Tuesday of each month , 5:30 p.m., Bldg. 463, room 160. Guests, visitors always welcome. www.bnl.gov/bera/activi-ties/toastmstrs/default.htm.

#### Tuesdays & Thursdays: Aerobics

5:15-6:30 p.m., \$4 per class. Rec. Hall. Pat Flood, Ext 7886.

Tuesdays & Thursdays: Aqua Aerobics 5:15-6:15 p.m. Christine Carter, Ext 2873. Wednesdays: On-Site Play Group 10 a.m.-noon. Rec. Hall. An infant/toddler

drop-in event. Parents meet while children play. Suzanne Surrow, 476-6610. Wednesdays: Farmer's Market

11:30 a.m.-1:30 p.m., Berkner Hall parking lot Wednesdays: Weight Watchers Noon-1 p.m. Michael Thorn, Ext. 8612

Wednesdays: Yoga Practice Noon-1 p.m., Brookhaven Center. Free. Ila

Campbell, Ext. 2206. Wednesdays: Open Chess Night 5-8 p.m., Rec. Hall. Christine Carter, Ext. 5090.

Wednesdays: Exercise 101 5:15-6 p.m., Rec. Hall. \$4 per class or \$35 for 10 classes. Stretching, low-impact aerobics, and other exercises. Pat Flood, Ext 7886.

**Fridays: Family Swim Night** 5-8 p.m. at the 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. Fridays: Jiu Jitsu Club 6-7 p.m. in the gym. All levels, ages 6 and above. \$10 per class. Tom, Ext. 4556.

### **Hispanic Heritage Month** is celebrated September 15 - October 15

### -THIS WEEKEND -

### Sunday, 9/21

#### Rescheduled: Ellis Island Bus Trip

\$39 per adult, \$36 per child, (over age 5,) includes bus, ferry, and tour. Bus leaves BNL at 8:30 a.m. from the

## **Columbia University Student Wins Chasman Scholarship**

Hyekyung Clarisse Kim, a student at Columbia University, won the 2003 Renate W. Chasman Scholarship for Women. Brookhaven Women in Science (BWIS) awards the scholarship annually to encourage women to pursue careers in science, engineering or mathematics.

Named after the late Renate Chasman, a renowned physicist who worked at Brookhaven, the \$2,000 scholarship is awarded each year to a reentry woman - one whose college education was interrupted, but who has returned to pursue a degree on a half time or greater basis.

At W. Tresper Clarke High School in Westbury, Kim was an accomplished student and leader. Despite suffering from depression, she was fourth in her class, and, in addition, she formed the Strings Chamber Ensemble and helped to establish a chapter of the American Red Cross in her community. She also volunteered in a soup kitchen, nursing home, and hospital.



Hyekyung Clarisse Kim (center), winner of the 2003 Chasman Scholarship, is pictured with Loralie Smart, BWIS Scholarship Coordinator, and Ralph James, Associate Laboratory Director for Energy, Environment & National Security, a major contributor to the Chasman Scholarship fund.

Kim started her undergraduate career at Columbia University in 1997, but after only two days as a freshman, she took

### Whitesides to Give Pegram Series (cont'd.)

George Whitesides, the Mallinckrodt Professor of Chemistry at Harvard, has received numerous accolades for his research, including the National Medal of Science in 1998, and eight different awards from the American Chemical Society. Recently he received the Materials Research Society's Von Hippel Award as well as the presti-

gious Pittsburgh Analytical Chemistry Award. Whitesides' work on functional nanostructures termed "self-assembled monolayers" is top-ranked among citations in chemistry. His current research is multidisciplinary, encompassing areas of cell biology, biochemistry, chemical



(cont'd.)

#### In Memoriam

Research Center. He then served as Interim Chair of the Medical Department until late 2000. Wang also holds appointments as a Research Associate Professor of Radiology at Stony Brook University and Visiting Scientist at North Shore University Hospital's Division of Nuclear Medicine.

Wang Tenure

— Karen McNulty Walsh

# **Arrivals & Departures**

### Arrivals

Anirban Chakraborti ...... Physics Boris Peterson ..... ES&T

Karl Abrams, who, as an advanced technician, had joined the Instrumentation & Health Physics Division on June 5, 1961, and, after 33 years of service, had retired from the Information Technology Division as an advanced computer analyst on December 31, 1994, died on May 31, 2003, at age 73.

George Bryant, who had come to BNL's Instrumentation & Health Physics Division on November 5, 1962, as a Lab custodian and had retired as a plumber A from the Plant Engineering Division on December

## Volunteers Needed for Diversity Event

medical leave due to severe de-

pression. For two years, Kim

immersed herself in activities

about which she cared deeply,

Volunteers are needed to take part in an interactive training session that will increase knowledge of how to interact with people who have disabilities. The entire Lab community is encouraged to attend the session, which will be held in Berkner Hall, Room B, at noon on Thursday, October 2.

The training, named "Disability Jeopardy," was developed by the National Business and Disability Council and is based on the television game show *Jeopardy*.

Teams will be formed by the volunteers, and an instructor from the National Center will ask each team questions pertaining to disabilities. The teams will select questions of increasing difficulty and point values — from several categories, including disability etiquette, legal basics, numbers, etc. As the answers are given, the instructor will give extra insights provided by the experiences of people with disabilities. There will be a daily double and final jeopardy question, and the winning team will be awarded a prize. For more information, and, especially, to volunteer as a team

member at the event, call Rosa Palmore, Ext. 2703.

### Flamenco Concert, 10/12

Sol y Sombra will present "Encuentro Flamenco," a concert sponsored by BNL's Hispanic Heritage Club that will feature Spanish classical and Flamenco music and dance on Sunday, October 12, at 3 p.m. in Berkner Hall.

Maria Loreta, Gregorio DeSilva, Ricardo Santiago, Sofia Islam, and Mieko Seto will be performing with the Sol y Sombra principal dancers. Guest artist, classical Indian

dancer Arti Datta, along with guitarists Arturo Martinez and Flamenco singer Dominico Caro and other company dance



catalysis and materials science. — Diane Greenberg

Brookhaven Center and returns at 4:30 p.m. Pay at the BERA Sales Office.

#### Bronx Zoo Bus Trip

The Hospitality Committee invites the Lab community to join a trip to the Bronx Zoo. Bus departs at 9 a.m. Bus tickets are \$10 for adults, \$5 for children 2-12. For more information, con-tact Monique de la Beij, mdelabey@op tononline.net or phone 399-7656.

### – WEEK OF 9/22 —

### Monday, 9/22

Pegram Lecture Series, Berkner Hall George Whitesides, Harvard University, will give three talks focussed on "Nanoscience: Status and Prospects." 5 p.m. Nanoscience & Nanotechnology. See story, page 1.

### **IBEW Meeting**

8 p.m. Knights of Columbus Hall, Railroad Ave., Patchogue. 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.

Susumu Sato . Physics Kirill Tuchin ..... Physics **Departures** 

An Lam.

28, 1979, died on May 15, 2003. He was 88. .... Bioloav

## **DOE Seeks Public Comment On Peconic River Cleanup**

DOE is seeking public comment on a cleanup plan for contaminated sediment in sections of the Peconic River on the BNL site. The comment period will be open from September 22 to October 21, 2003. The document for comment, Engineering Evaluation/Cost Analysis and Action Memorandum: Peconic River Removal Action for Sediment on BNL Property, will be available from Monday, September 22, on the BNL web site at www.bnl.gov/ peconic.html and in local libraries.

Interested community members, including BNL employees, may attend either or both of two meetings to speak with project personnel and learn more about the proposed cleanup. These information sessions will be held:

October 7, 7-9 p.m., Cornell Cooperative Extension, Griffing Avenue, Riverhead

October 15, 7-9 p.m., Berkner Hall, BNL.

This cleanup plan addresses contaminated sediments downstream of BNL's sewage treatment plant, on Lab property. Another plan for remaining sediments in portions of the river downstream of Lab property will be released in several months.

## 'Latin Rhythms,' 10/3, 8 p.m.

Yvette Malavet-Blum

Physics Department, has played for choirs and singers throughout Long Island. The concert is open to all. Buy tickets, at \$8, at the BERA Sales Office or at the door Visitors over 16 must carry picture ID.

## Service Anniversaries

The following employees celebrated BNL service anniversaries during July 2003:

#### **40 YEARS**

Chellis Chasman George Meinken	
<b>35 YEARS</b>	Medica
David Diamond	ES&T
<b>30 YEARS</b>	
Jacqueline Mooney	
<b>30 YEARS</b>	Physics

25 VEADS		
Nicholas Houvener Fac. &Ops.		
Carl Mc Keever PPM		

#### 25 YEARS

Thomas Butcher ES&T		
Farah Youssef Magnet		
Lois Marascia Dep. Dir. for Ops.		
Rosalie Lawrence Fiscal		
Gerhard Barnett Plant Eng.		
John Flannigan BSD		
Deborah MarescaOMC		
James Kierstead Instrumentation		
Jack Tallent Jr NSLS		
Peter Ingrassia C-A		
Kuo-Chen Wu Magnet		
20 YFARS		

#### 20 YEARS

10 VEADS	
James Meier	C-A
Robert Sweet	Biology

#### **10 YEARS**

Tina Graham	. Plant Eng.
Thomas Sexton	. Plant Eng.
Bruce Yanofsky Ce	entral Shops
Charles Yezek	. Plant Eng.
Eva Rothman	NSLS

## Life on the Sound Wave

On Wednesday, August 13, 95 — and more, but who's counting — Lab folks boarded the Port Jefferson ferry, *Grand Republic*, and cruised across Long Island Sound to Bridge-

### Money Talks Workshop Estate Planning, 10/1

Sponsored by the BNL

Music Club, cabaret singer

Yvette Malavet-Blum, with

Sam Carr at the piano, will

give a concert of "Latin

Rhythms," on Friday, Octo-

Director's Office, a performer

in Manhattan and Long Is-

land, will sing popular Span-

ish language songs, English

songs with a Latin beat, and

Spanish songs with English

lyrics. Sam Carr, of BNL's

Malavet-Blum of BNL's

ber 3, in Berkner Hall.

Learn about estate-planning principles, tax advantages, and how to leave more of your estate to your heirs, at a seminar to be given by American Express Financial Advisors Inc. on Wednesday, October 1, 5:30-7:30 p.m., in Berkner Hall, Room B.

All are welcome. To attend, fill in the "Estate Planning" flier sent to all employees and return it to Joyce Wund, Bldg. 185, by Monday, September 22.

### Retirement Counseling

A TIAA-CREF representative will visit BNL on Wednesday, 10/8; Thursday, 10/9; Wednesday, 10/15; and Thursday, 10/16, to answer employees' questions regarding the TIAA-CREF retirement plan, such as TIAA and CREF differences, allocating funds between TIAA and CREF, options, flexibilities with TIAA/ CREF, and various retirement options.

To arrange a 45-minute appointment, call Duane Walden, (800) 842-2733, Ext. 7289 (not the on-site Ext. 7289).

### BERA Hispanic Heritage Club 'Redhawk' Perez Talk: Taino Indians' Culture

As part of the Hispanic Heritage month celebrations, on Wednesday, October 1, from 12:15 to 1 p.m. in Berkner Hall, all are welcome to attend a talk by Roman "Redhawk" Perez on the Taino Indians and their influence on Hispanic culture. Himself a Taino artist, musician, and storyteller, Perez will share with his audience the world of the Taino people, who inhabited the Caribbean Islands in pre-Columbian times. Perez will demonstrate Taino music and dance. A small travel museum with Taino artifacts and musical instruments will also be displayed.

## Corporate Challenge Update Third BNL Team to Race in Finals

The Bulletin has just learned that a second men's team of BNL runners qualified to participate in the JPMorganChase Corporate Challenge finals on Park Avenue in New York City on October 4. Joining the BNL men and women already running (see Bulletin of September 12) will be Paul Geiger, Mike Mapes, Brian Boyer, and Vic Usack.

Says Jim Marron, who coordinated BNL's entries to the Corporate Challenge, "To be competing in the finals of this international event is an honor, and BNL is honored to have three teams eligible! Good luck on October 4th!"

## **BERA Softball Party, 9/25** Today is the Last Day to Purchase Tickets

All softball players and guests are invited (adults only please) to the annual BERA Softball League party, to be held 6-10 p.m. on Thursday, September 25, at the new building at the Inn at East Wind Caterers, Wading River. Tickets cost \$25 per person for the first 100 paid softball players (you must be on a team roster) and \$40 thereafter for softball players and guests. Tickets include full open bar, cocktail reception, salad, two pasta specialties, four hot entrees, coffee, cake, and DJ music. Purchase tickets at the BERA Sales Office today, September 19. No tickets will be sold after to-day. For more information, e-mail softball@bnl.gov.

### Staff Development Courses — Fall 2003

The Human Resources Division has scheduled the following Staff Development courses for October, November, and December.

- 10/1 Goal Planning & Appraising Job Performance\*
- 10/7 Interpersonal Communication Skills
- 10/14 Conducting an Effective Selection Interview\*
- 10/21 Employee Performance: Goal Planning
- 11/4-6 Interpersonal Managing Skills\*
- 11/13 Exceptional Customer Service
- 11/19 Facing the Tough Stuff of Management\*
- 12/2 Managing Effective Meetings
- 12/3 Time Management
- 12/9 Salary Review Workshop for Supervisors\*
- 12/0 Time Management for PDAs
- \*Supervisory and Management Courses

*For course and audience descriptions, go to http://www.bnl.gov/HR/ staffdev/staffdev.htm. A Request for Training form is available on line.* 

### Warehouse Closing for Inventory, 9/25, 9/26

The stores warehouse will close for two days, Thursday and Friday, September 25 and 26, for the annual physical inventory.

During this time, pick tickets will not be processed by PeopleSoft and routine stock requests will not be handled. Stock users are asked to place all stock needs at least two days in advance of these days to ensure receiving items from stock. Page George Dioguardo on digital pager, Ext. 6300, or call Ron Ondrovic, Ext. 4553, for emergency requests. The warehouses will be reopened on Monday, September 29.

### New On-Line Account Request Form

The Information Technology Division (ITD) recently announced the availability of a new on-line Account Request form, which can be found at http://www3.bnl.gov/accounts-dev/.

This easy-to-complete form allows new BNL employees and guests to apply for various accounts such as e-mail, NT domain, Crytpo Card, UNIX, etc., with instant submission to the Account Management Office, without having to visit the office in person. For more information about this form, contact Marty Gormezano, ITD Customer Support Manager, Ext. 3418, or Gormezano@bnl.gov. This form can also be found at www.bnl.gov/itd/amo/default.asp.

### Talk: Women Scientists' Glass Ceiling, 10/9

Sponsored by Brookhaven Women in Science, Elga Wasserman, author and science, law, and university administrator, will lecture on "Breaking the Glass Ceiling: Myths and Realities for Women Scientists," at noon on Thursday, October 9, in Berkner

## Calendar

(continued)

### Tuesday, 9/23

\***Pegram Lecture Series, Berkner Hall** George Whitesides, Harvard University, will give two more talks: 11 a.m. Microtools for Biology 4 p.m. The Future of Science and Technology. See story, page 1.

### Thursday, 9/25

\*Noon Concert by BNL Choral Group Noon, Berkner Hall. All are welcome. See notice on page 4.

### \*BERA Softball Party

6-10 p.m. East Wind Caterers in Wading River. See notice, left. No tickets sold after 9/19. E-mail softball@bnl.gov.

### Saturday, 9/27

Bus Trip to Storm King Art Center

\$12 per person. Bus leaves BNL at 10 a.m. for the Storm King Art Center and Sculpture Park, located in Mountainville, N.Y. with grounds that are surrounded by the dramatic panorama of the Hudson Highlands. Bring picnic lunch as there are no food facilities but vending machines. Buy tickets at BERA Sales Office. Christine Carter, Ext. 5090.

### — WEEK OF 9/29 —

### Wednesday, 10/1

\*Taino Artist, Musician, Storyteller Talks on Taino Indians' Influence On Hispanic Culture

12:15-1 p.m. Berkner Hall. As part of celebrations of Hispanic Heritage Month. See notice at left.

\*Money Talks Workshop: Estate Planning 5:30-7:30 p.m., Berkner Hall, Room B. See notice at left.

### - WEEK OF 10/6

### Tuesday, 10/7

#### **Caring Friends Meet**

Noon, Berkner Hall, Room D. An informal support group is being started to serve as a resource for individuals experiencing grief and the many emotions following the loss of a loved one. Gatherings will be held on the first Tuesday of each month. All are very welcome. For more information, call Pat Hein, Ext. 3962, or Gerry Van Derlaske, Ext. 3476.

#### Thursday, 10/9

\*Glass Ceilings for Women Scientists Noon. Berkner Hall. BWIS-sponsored talk by Ella Wasserman on "Breaking the Glass Ceiling: Myths and Realities for Women Scientists." All are welcome to this free talk. Visitors over 16 must carry photo ID.

**Community Advisory Council Meeting** 6:30 p.m., Berkner Hall, Room B. Open to the public. See also http://www.bnl. gov/community/CAC.htm.

#### Sunday, 10/12

\*Flamenco Concert by Sol y Sombra 3 p.m., Berkner Hall. See notice, page 2.

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

port, Connecticut, and back.

The week of rain took a break: blue sky, breeze, and even a slight sunset surprised everyone on board. BNLers and their families and friends visited on the top deck, picnicked, or, more energetically, danced to the rhythmic Reggae music of the King Wellington Trio. Some of the group swayed their way across the sound, congo lines and all! Everyone agreed that this third annual Sunset Cruise was the best yet and started planning for the Hospitality Committee's 2004 cruise.

The talk is free and open to the public. Visitors of 16 and over must carry a picture ID. Hall. All are welcome to this free talk.

## Flu Shots Offered at OMC

The influenza (flu) vaccine will be offered to all full-time and part-time BNL employees at the Occupational Medicine Clinic, (OMC) Bldg. 490, Tuesday to Friday, September 30-October 3. Flu shots will be available through December for those who are unavailable during the times listed below. The schedule will be:

9:30 a.m. to 10:45 a.m.	Last Names A to G
10:45 a.m. to 11:45 p.m	Last Names H to M
1 p.m. to 2:30 p.m	Last Names N to S
2:30 p.m. to 4 p.m	Last Names T to Z

All BNLers are asked to bring their ID badges and, in order to expedite the vaccination process, OMC staff recommend wearing a short-sleeved shirt. For more information about the flu vaccine, call Ext. 3670, and ask to speak with a nurse.

## BERA Cycletrons, Camping Club BBQ Together

The BNL BERA Cycletrons had their 6th annual family BBQ and invited the BERA Family Camping Club to join them (photo below). One hundred club members, family, guests, and retirees attended. The bikers barely managed to beat the campers in a tug-o-war. A challenge awaits all comers next year!



### 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 employees within the department/division and/or appropriate bargaining unit, with preference for those within the immediate work group; (2) present 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; call the JOBLINE, Ext. 7744 (344-7744), for a list of all job openings; use a TDD system to access job information by calling (631) 344-6018; or access current job openings on the World Wide Web at www.bnl.gov/HR/jobs/ default.htm.

#### LABORATORY RECRUITMENT - Opportunities for Laboratory employees.

MK7777 INSULATION WORKER (onemonth term) - Under general supervision, performs installation and removal of insulation and protective coverings about piping, ductwork, fixtures, and devices as required. Performs limited removal, cleanup and disposal of asbestos insulation in accordance with applicable environmental control standards pursuant to laws and regulations governing BNL. Will be trained and must be certified as asbestos abatement worker to standards as adopted for such work by NY State. Plant Engineering Division.

**OPEN RECRUITMENT** - Opportunities for Laboratory employees and outside candidates. MK3465, PHYSICS ASSOCIATE IV (P-1, term appointment) - Requires a bachelor's degree in physics with additional physics coursework highly desirable. Familiarity with electronic measurements and instrumentation, substantial knowledge of mathematics and numerical algorithms also re-quired as is DOS or UNIX operating systems; knowledge of Fortran or C and numerical algorithms (ideally Matlab or IDL). Under the direction of MR investigators will assist in the acquisition, data analysis and organization of approved clinical studies using computer workstations. In addition, will assist in developing and maintaining computer code for the analysis of MRI data and will build and repair simple electronic equipment. Medical Department.

NS2815. ADVANCED TECHNOLOGY ENGINEER (I-7) - Requires a bachelor's degree or equivalent experience, preferably in computer science or a related discipline, and at least five years of relevant experience. A strong background in computer systems administration (Linux/Irix), as well as backup and data safety is necessary. Excellent oral and written communication skills are essential. Will help and potentially take a lead role in managing the computing infrastructure for a group of Protein Crystallography beam lines at the NSLS; including the network infrastructure, user accounts, web servers, cyber security requirements, and stand alone and clustered computer systems. Will join a small team of software developers and may also assist in development projects that involve programming in C, Java, Java-Script, HTML, XML, PERL, Python, SQL, and relational data-base management systems. Biology Department

TB2817. BIOLOGY ASSOCIATE III (P-3, term appointment) - Requires a bachelor's degree in a physical science (physics, chemistry or engineering), excellent communication skills, demonstrated ability to learn to operate complex apparatus and computer software and either significant experience or an advanced degree. Under neneral supervision will assist users of the NSLS in the execution of x - ray diffraction experiments and will work independently to perform such measurements. Responsibilities will include the maintenance and repair of apparatus, as well as the performance of routine computer operations. Experience in the operation of UNIX computer operating systems and electromechanical debugging and troubleshooting is desirable. Biology Department TB2816. PRINCIPAL TECHNICIAN (TW-4, term appointment) - Requires a bachelor's degree in a physical science (physics, chemistry, engineering), or equivalent experience, excellent communication skills, and a demonstrated ability to learn to operate complex apparatus and computer software. Under minimum supervision, will assist users of the NSLS in the execution of x-ray diffraction experiments. Responsibilities will include the maintenance and repair of apparatus, as well as the performance of routine computer operations. Experience in the operation of UNIX computer operating systems, electromechanical debugging and troubleshooting is desirable. Biology Department.

#### **Motor Vehicles & Supplies**

00 CHEVY MALIBU - white, 4dr, a/t, a/c, p/w, excel. cond., 56K mi., \$6,100. Fred, Ext. 5319.

00 MERCURY - Grand Marquis, gray, V-8, a/c, p/s, p/b, p/w, extended serv. contract to 2006, 36K mi., \$12,950. Herbert, 424-5360. 99 CROWN VICTORIA - police interceptor, ABS. 4.6L, a/t, a/c, p/s, p/b, ,p/w, p/l, c/c, am/ fm cass., performance pkg. & extras, 110K mi., \$7,995. Denis, Ext. 4612 or 929-0767.

98 FORD ESCORT Zx2 - 5 spd., a/c, p/s, p/b, Alpine XM digital satellite radio fm/CD, Infinity spkrs., excel. cond., 50K mi., \$4,700 obo. Rob, 917-865-9668.

95 FORD MUSTANG - spoiler, a/c, p/w, p/l, excel. cond., well maint., 57K mi., \$5,500. Roslie, 399-2925.

95 MITSUBISHI ECLIPSE RS - white/blue, a/t, a/c, p/b, p/s, am/CD, moonroof, new parts, r/spoiler, runs well, 132K mi., \$3,100. Alexander, Ext. 4992 or 925-586-3089.

95 PLYMOUTH VOYAGER - white, a/t, a/c, p/s, p/b, c/c, remote starter, 8 pass., 117K mi., \$1,800. Rich, Ext. 7013 or 698-5294.

94 FORD THUNDERBIRD - 2dr., 6-cyl., a/t, a/c, moonroof, runs well, 70K mi., reg. gas, gd. cond., \$2,900. Fred, Ext. 5310 or 369-9720.

94 HONDA CIVIC - red, a/t, a/c, p/s, p/w, moonroof, gd. cond., very reliable, avail. 9/30, 106K mi., \$3,600. Jo, Ext. 3403.

94 NISSAN SENTRA SE-R - 5 spd., a/c, FM/CD radio, fair cond., \$1,700 obo. Rob, 917-865-9668.

93 DODGE CARAVAN - 3.0L, V6, p/l, p/w, new Alpine radio, CD player & windshield, 82K mi., \$3,900. Mike, Ext. 5319 or 698-8028.

93 FORD TAURUS - a/t, a/b, many new parts, gd. cond., 78K mi., \$2,000. Edward, 718-756-7499.

93 JEEP WRANGLER SPORT - 4-wd, 5 spd., CD, sound bar, mint cond., 93K mi., \$4,500, Lillian, Ext. 8772.

93 MERCURY TOPAZ - beige, 4dr., new starter & brakes, dependable, for student going to school, 80K mi., Fred, Ext. 5319. 93 TOYOTA PICK-UP - w/cab, 5 spd., 4-cyl., 2 wheel dr., 6' bed, runs well, as is. Ask. \$1,800 Walter, Ext. 4180.

92 GMC JIMMY - 4x4, a/t, a/c, p/s, p/b, p/w, needs some work, 147K mi., \$1,500. William, 475-5601.

90 TOYOTA CAMRY WAGON - a/t, a/c, \$1,750. Upendra, 751-4539.

89 FORD BRONCO II - 4x4, 5 spd., a/c, CD, 128K mi., \$1,200. Alistair, Ext. 2948. SHOCK ABSORBERS - all new in box: Roadhandler by Gabriel Perform. LT gas shocks, \$20/both; Rancho RS5000 Cellular Gas shock absorbers, b/o John, Ext. 4028. 35' CAMPING TRAILER - '84 Citation, gd. cond., ask. \$3,500. Frank, 281-5540, leave message.

#### **Boats & Marine Supplies**

20' OSPREY - '88 Bow Rider w/trailer, Deep Vee, Alpha One outdrive, gd. cond., in water in Mattituck, \$4,000. Peter, Ext. 7657 or 298-9560.

17.6' YAMAHA - '01 Pro Sport, 4-stroke, 100hp, low hrs., extended warranty, bimi top fish & depth finder, VHF radio trailer, excel. cond. \$15,000. Frank 734-7635.

17' DIXIE MERCURY - 50hp outboard Karavan trailer, use of berth, \$1,595. George, 286-4639.

15' GRUMMAN CANOE - aluminum w/ paddles, excel. cond., no trailer, \$425. Lloyd, 587-7876.

#### **Furnishings & Appliances**

HOUSEHOLD ITEMS - Brita water-filter system w/pitcher, \$5. Mr. Coffee iced tea maker \$5, both new in boxes, Peter, Ext, 2913.

LAMP TABLE - Drexel Heritage, fruitwood, excel. cond., \$65. Chris, Ext. 7365 or 472-3488.

LAMPS - brass pineapple base, 10" tall candlestick/accent-type for mantel or sideboard, \$25/pr. Karn, Ext. 4246.

LIVING ROOM SET - leather, couch, love seat, chair, ivory w/pewter/glass tables, like new, \$1,000. Nancy, Ext. 4303.

FREEZER - Kenmore upright 11 cu.ft., almost new, \$130. Fred, Ext. 5319.

HOUSEHOLD FURNISHINGS - Italian Provincial I/r set; Provincial d/r set w/2 leaves; country bdrm. set; kit. set w/1 leaf reduced. Robert, 584-5206.

KITCHEN SET - butcher block, round w/ leaf, 4 chairs on wheels, ask., \$200; bur-gundy recliner, \$200; white leather couch \$200. Laurie, Ext. 5520.

SOFA - queen sleeper & love seat, solid plum color, 2 yrs. old, very gd. cond., \$900. Chliek, 751-7023.

WASHER/DRYER - both heavy duty machines, Lady Kenmore, 90 series washer, Roper electric dryer, XL capacity, both very gd. cond. \$125 ea. neg., Greg, Ext. 7810.

#### Tools, House & Garden

BAY WINDOW - Anderson, used, excel cond., rough opening: 621/2 "H x 69"W x 18"D. \$300 obo. Gary, Ext. 2155.

BLOWER - 1hp electric, variable spd. w/parts, \$25. Paul, 289-5770.

CRAFTSMAN - 10" rad. saw w/base, \$150; 10" rad. saw w/o base, \$125; 10" tbl. saw complete, \$125; 10" tbl. minus fence, \$100; 6" jointer, \$100. Walter, Ext. 4958 or 399-5606. FOOD SEALER - vacuum sealer, almost new, \$35; Dirt Devil electric broom, \$10. Caroline, 744-8632.

HOUSEHOLD ITEMS - lawn mower, garden tools, wheel barrel, hand/power tools & extension ladder. Robert, 584-5206.

LADDER - 24' aluminum extension, gd. cond., \$60. Tom, 744-5096.

LAWN MOWERS - misc. push mowers from \$50-\$85. Joe, Ext. 7316 or 929-0668.

LEAF VACUUM - Billy Goat, w/5hp Tecumseh, gd. cond., ask., \$250, Tim, 208-0408

SNOW BLOWER - Aircap Industries, single stage, 3hp, \$25. Joe, Ext. 2975.

EXTENSION LADDER - 24', aluminum, gd. cond., \$60. Thomas, 744-5096.

LAWN MOWERS- Sears, 36", needs work, \$75; Sears 20" rear bagger, gd. cond., \$50; Murray 22", mulching, 6hp, gd. cond. \$100. Walter, 567-9025.

LEAF VACUUM - Billy Goat, 5hp w/shrub attchmt., best offer over \$250. Tim, 208-0408. RIDING MOWER - Murray 12hp, 38" w/bagger, new blades, snow plow, chains, runs & mows well, \$200 obo. Greg, Ext. 7810. WATER SOFTENING - & Iron Removal System - gd. cond., make offer. Ron, 298-5625

### Audio, Video & Computers

CAR STEREO - Toyota am/fm/cassette player, Garman, Ext. 4387.

COMPUTERS - Dell 2100,1.1 Ghz CPU, 20Gb HD, 256Mb Ram, CDRW, \$400; Dell L1100cx, 1.1Ghz, CPU, 20Gb HD, 256Mb Ram, CDRW, \$350. Don, Ext. 7237 or 929-6571.

COMPUTER - Compaq 9232 w/monitor & spkrs., HP 6205C printer, best offer. Eugene, 286-6858.

COMPUTER & TV - IBM computer, Pentium II, 1.7GHz disk, floppy, CDRW, modem, ethernet, 14" monitor, \$100; 20" Magnavox TV, \$99. JK, Ext. 5080 or 751-1884.

DISH ANTENNA - Dish 500 system w/2 receivers. \$50. Walter, 567-9025

DIGITAL CAMERA - brand new, must sell, \$125. Mary, 289-5216.

LAPTOP - Gateway, Wdws. XP, 1.33GHz, Celeron, 256RAM + 512RAM, 30gb hdrive, CD/RW-DVD, internet, modem, software, used 2 mo., \$850. Connie, 654-3697.

STEREO SPEAKERS -(2) acoustic phase speakers, \$99. Terry, 929-6492.

COMPUTER COMPONENTS - Windows ME - PNY Simm Memory Modules, 16MB & 32 MB, 56K fax/modem, all in sealed containers, best offer. Eugene 286-6858.

#### Miscellaneous

DJ EQUIPMENT - AM PEG prof. base cabinet 400w, excel. cond., very Ig., used once, \$400; Numark prof. dual DJ turntables, direct drive, \$250. Corrine, 654-3697.

JEWELRY - Irish import-Belleek, Galway Crystal jewelry, items from Irish store. Wholesale prices. Kathy, 821-2586 after 5 p.m.

### **New Hours at BNL's Service Station**

Effective October 1, Upton Industries Inc., BNL's on-site service station, will be open from 7:45 a.m. to 5:45 p.m. For more information, contact Billy, Ext. 4034.

### Dial 344-INFO (344-4636) for Lab Info

Hurricanes, blackouts, blizzards seldom strike Long Island, but in these or other unusual circumstances, call 344-INFO (344-4636) before leaving home, to find out when the Lab will be open.



Iste by Anton Bruckner, Cucu, Cucu by Juan Del Encina, and God So Loved the World by Sir John Stainer. Solo performances will be given by Carr at the piano and by members of the choir.

PIANO - small upright, mahogany, by Brahms of N.Y., \$350 neg. 744-3569. PIANO - Laffargue Co. upright, approx. 100 yrs. old, keys redone 10-15 yrs. ago, felts/ hammers in gd. cond, \$399. Terry, 929-6492. TRUMPET - 1/2-size Jean Baptiste Pt. 180 w/mute \$100; Drums, table set (2) world beat \$100, (2) Djembe Remo 14" & 12' heads, \$150. Corinne, 654-3697.

WEIGHT BENCH - hardly used, excel cond. Lloyd, Ext. 5225.

#### For Rent

BAITING HOLLOW - 2/3 bdrm. ranch, 1 acre, furnished, \$1,995/mo. Ralph, 325-0145. BAITING HOLLOW - 3 bdrm house, 1 bath c/a/c, satellite, near beach., yr. round

BROOKHAVEN - studio apt., pvt. entrance, deck, jacuzzi bath, no smoking or pets, \$750/mo., incl. util. Madeline, 286-1026.

house, 2 1/2 baths, 6 f/p, d/w, m/w, cable, internet, gar., 1.3 acres, avail. 9/15 - 5/1, \$1,500/mo. Michael, 286-4485.

FARMINGVILLE - 2-bdrm. apt. for 2 people, l/r, eik, bath, deck, gar., yard. No smoking/ pets. \$1,275 includes utilities, cable, lawn maint. Patricia 758-3952, leave message.

FARMINGVILLE - 3-rm. apt., ground level, sep. ent., 15 min. to BNL, quiet neighborhood, single, non-smoker pref., \$750/mo. all util. & cable incl. + 1 mo. sec. Tom, Ext. 4866. EAST MORICHES - share Ig. house w/professional, furnished, own bdrm. w/a/c, cable & phone, 300ft. to Bay, 10 mi. to BNL,

mature, non-smoker, Hue, 744-8386. MANORVILLE - 2-bdrm. townhouse, 10 min. to BNL, avail. Oct.-April, furnished, \$1,100/mo. + util. Nancy, 878-8442.

MEDFORD - 2-bdrm. bsmt. apt., sep. ent., all util. & cable incl., non-smoker, no pets or children, \$1,000/mo. + 1 mo. sec. 698-9016. MIDDLE ISLAND - 2-bdrm, 1.5-bath apt., I/r. a/c, d/w, pkg, avail.10/15, \$1,210/mo. + elec-

tric & 1 mo. sec., sublease, Alex, Ext, 5286. MILLER PLACE - 1-bdrm. ranch, I/r, d/r, fp., priv. yd., deck, basement, near beach. mint cond., no smoking or pets, avail, 10/ 1, \$1,600/mo. Paula, 473-3349.

MILLER PLACE - 1 bdrm. in Colonial house, central a/c, cable internet, TV, phone, prof. residential area, 9 mi. to BNL, 10 mi. to SBU, single, non-smoker. Hue Anh, 744-8386.

MILLER PLACE - apt, I/r-b/r combo w/fp., a/c, thermostat, pvt. ent., patio, no smok ing or pets, \$900/mo./all. Lisa, Ext. 2773 or 331-6149.

WADING RIVER - 1-bdrm. apt., full bath, eik, pvt. ent., walk to beach, 10 min. to BNL, single, non-smoker, \$800/mo.+1 mo./sec., util incl./elec., wtr., heat, Richard, 929-5872.

YAPANK - 2-bdrm. house, pvt. yd., new kit. appls., bath, fixtures, carpets & paint, no pets, 5 min. to BNL. \$1,250/mo. Bill, Ext. 7230.

YAPANK - 2-bdrm. apt., pvt. well-lit ent., no smoking or pets, \$1,175/mo.+1 mo. sec., incl. all. Brent, Ext. 5215 or 924-3269. CAMBRIDGE, MA, - 1-bdrm, furn./unfurn. condo, a/c, heat incl., w/d access, lg. closets, on Mass Ave. nr. Havard & MIT, no realtor fee, \$1,400/mo. Bob, Ext. 4637 or 692-8659.

COROLLA, NC. - Outer Banks vac. home, cul-de-sac, walk to ocean, scrnd. porch, 2 suites + 3 bdrm., 3 baths, pool/hot tub, billiard rm., \$895-\$2,695. Carrie, 878-6968. DAYTONA BEACH, FL. - 2-bdrm. condo, 2 baths, ocean view, pool on A1A in Daytona Bch, rent by wk./mo., prices vary by season. Donald, 807-4668.

KEY WEST, FL. - BNL discount by the day/ wk., in old town nr. boating, night spots, see www.cypresskw.com. Dave, 800-525-2488.

#### For Sale

MANORVILLE - 3-bdrm. Col., cul-de-sac, 21/2 bath, gar., den, l/r, eik, clg. fans, wooded 3 sides, oil heat, 13 yrs. old, well water, shed, swing, 1 acre, \$375,000. Jack, Ext. 4037.

MIDDLE ISLAND - 2-bdrm. co-op, Shores @ Lake Pointe, I/r/d/r, eff. kit., lake view, central a/c, more, approx. \$625/mo.+ maint. \$92,000. Tim, 344-3001 or Vicky, 399-0886.

RIVERHEAD - 1-bdrm. cottage w/fp., l/r & d/r, 11/2 car gar., 1/2 bsmt., patio w/awning, fenced, walk to water, close to town, low taxes, \$199,000. Wendy, 208-1156.

SMITHTOWN - 4 bdrm., 11/2 baths 11/2 car gar., d/r, den, porch w/fp., ingd. pool, up dated kit., baths, new windows, excel. schools, \$469,000. Thomas, 360-3803.

FLORIDA - Timeshare wk. for sale, on Gulf, heated pool, hot tub, rated "most desirable" for trading. \$800 for qk. sale. Lynn, 744-5096

#### Wanted

COMPANION FOR ELDERLY COUPLE immed., some transportation, cooking & cleaning req., day and/or evenings, call for details. Tracy, Ext. 4422 or 345-3328.

BOB CAT - to rent, sm, w/hydraulic jaws. forks and tracks, will tow. Jim, Ext. 5537. COLOR GAMEBOY GAMES - John, Ext. 4028.

HOME - I am the mom of 4 school age children who needs to move soon. If there is

\$2,000/mo. + util. Sam, 436-5949. BROOKHAVEN - well furnished 3-bdrm.

MATTRESS - full size w/boxspring, hardly used, ask. \$200. Mary, Ext. 2900.

TABLES - (2) antique \$40, brass/glass, \$50. Nancy, Ext. 4303.

#### Furnishings & Appliances

TABLE - antique Victorian w/inlaid wood top and carved edge, ornate turned legs, approx. 24"x40", excel. cond., \$250, e-mail for photo, adelwerth@bnl.gov or 286-6133.

AUDIO STAND - silver, brand new in box. pd. \$100; bed, queen mattress w/box spring, \$175. Mary, Ext. 2900.

BED - queen size, headboard, frame, mattress & boxspring, gd. cond., \$50. Kevin, Ext. 2431 or 929-1683.

BEDFRAME - full-size platform, gd. cond. w/2 lg. rollout drawers, solid wood, \$100. Fallon, Ext. 3797 or 516-223-3887.

CONTENTS OF APT. - 3 pc. l/r set, \$200, 5pc. bdrm. set \$250 obo. Tameka. Ext. 5582.

**DISHWASHER & STOVE - GE dishwasher** w/front controls; Sunbeam microwave, top models, all \$95 or sold separately, gd. cond. Ron. 298-5625.

PIÑATAS - unique, all occasions & characters, cartoon, Disney, Sesame Street, etc. Donna, 821-0359.

TREADMILL - Sears "Lifestyle" Model #297080, 8.0 Extended Stride profile, electronic power incline, \$150; high back wooden rocking chair, \$25. Anita, 516-796-1388.

#### Sports, Hobbies & Pets

BICYCLES - women's 27", 10 spd., Murray 26"; 18-spd. mountain bike, gd. condition \$40 ea. Walter, 567-9025.

COOKTOP - 3-burner stove, gd. cond. for RV, motor home, trailer, or pop-up, ask. \$75. Tim, 208-0408.

WOOD CUT-OUTS - crafts for use by scouts, teachers, etc. 10¢ ea.; baskets, assorted sizes & shapes, \$2 ea. Corinne, 654-3697.

EXERCISE BIKE - Schwin stationary bike w/computer readout, 40lbs., flywheel, excl. cond., \$125. Jim, 924-7374.

FISH TANK - 55 gal. w/blk. metal floor stand., \$150. Matt, Ext. 3797, 516-223-3887, or fallon@bnl.gov.

PORT JEFFERSON/STONY BROOK - 1 bdrm., l/r w/fp., bath, lg. kit, cable & mo-dem, pvt. yd., & ent., \$900/mo. + util. David, 395-3484

RIDGE - 1-bdrm. apt. on border w/Shoreham, new kit. & bath., 5 mi./5min. to BNL, quiet development. \$800 mo./all. Greg, 344-2278.

SETAUKET - 1-bdrm. study, pvt. bath, water view, swimming pool, laundry fac., furn., 35 mins. to BNL, \$1,750/mo. Harold, 751-3930.

SHIRLEY - spac. apt., lg. bdrm., l/r, kit., full bath. big closets. non-smoker. util. incl., avail. 10/1, \$1,000/mo. Nancy, Ext. 4303 or 878-5449.

SHOREHAM - Diamond 3-bdrm. hi ranch, Immaculate, rent & util., ref. req., avail. 11/ 03, Kim, 523-3219 or 205-0200.

SHOREHAM - Ig. 1-bdrm. furn. apt., full bath, kit., patio, pvt. ent., 7 min. to BNL, single, non-smoker, no pets, avail. 10/1. A. Vairavamurthy, 821-4318.

SHOREHAM - share lg. house w/prof., part furn. bdrm., single pref., parking, 6 min. to BNL, \$530 to \$570/mo. Genda, Ext. 3785 or 744-3543

Christina, Ext. 7705 or 748-9788.

RESEARCH VOLUNTEERS - men and women who smoke cigarettes, ages 18 and over, are needed for MRI study. Strictly confidential, fee provided. 344-2773.

#### **Farewell Gathering**

FRIENDS OF ARNIE PESKIN - are organizing a retirement party for Arnie on Thursday. 10/2. 6 p.m., Sea Basin Restaurant. Rt. 25A, Rocky Pt. \$32 for dinner & gift. Cash bar. Ed McFadden, Ext. 4188, Maria Gatz. Ext. 4109.

#### Happenings

ATLANTIC CITY BUS TRIP - Showboat, \$25/pp, 10/11/03. For more information, contact: Lyn Fountaine, Ext. 2232, or Eugene Barrow, 369-8143.

5K RUN/WALK - at Little Flower Children's Services School, 2460 N. Wading River Road, Wading River, on 10/18 at 9:30 a.m. \$15 pre-registr. (before 10/14); \$20 registr. on 10/18, 8-9:15 a.m., \$10 for students. Long-slv. T-shirts for 1st. 150 registrd. participants. Rain/shine. Sheryl Carey, Ext. 7716.

# Bulletin

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