

Lanny Bates Named ALD For Facilities & Operations

Lanny Bates has been named Assistant Laboratory Director for Facilities & Operations at BNL, effective July 9. He was previously Director for the Facilities Development Division at DOE's Oak Ridge National Laboratory (ORNL) in Tennessee.

Bates will oversee a budget of over \$103 million and approximately 520 employees at Brookhaven, which has more than 350 buildings on its 5,300-acre campus. At the 60-year-old Lab, world famous for its scientific research, Bates will be in charge of five support divisions: Plant Engineering, Safeguards & Security, Central Fabrication Services, Emergency Services Division, and Staff Services Division.

"My goal at Brookhaven is to work toward making the facilities and operations organization a world-class enabler of science," said Bates. "The future is promising, with several new infrastructure projects on the horizon. Safe and efficient operations, revitalized infrastructure, and a passion for customer service will provide fuel for the continued growth and success of Brookhaven Lab."

Bates earned a B.S. in nuclear engineering from Mississippi State Uni-



Lanny Bates

versity in 1975 and did graduate work in nuclear engineering at the University of Tennessee. He has over 30 years of experience in DOE contractor work at Oak Ridge facilities.

During his last four years at ORNL, Bates led the division that was responsible for the Laboratory's \$300-million infrastructure modernization program. Under this program, over a million square feet of

new facilities were constructed, thereby lowering the average age of ORNL facilities from 45 to 35 years. Building the new facilities enabled the consolidation of over 1,200 staff back on campus from off-site locations. Bates also served as the Executive Vice President of University of Tennessee-Battelle Development Corporation, the not-for-profit corporation established to facilitate private-sector investment in the ORNL modernization program.

Bates has been honored with many awards, including the American Academy of Environmental Engineers Superior Achievement Award in 1998, the Lockheed Martin Energy Systems Management Achievement Award in 1990 and 1998, and the ORNL Small Business Advocate Award in 2005 and 2007.

— Diane Greenberg

BNL, SBU Celebrate Opening Of New MARIACHI Teaching Center

On June 27, more than 125 people gathered to celebrate a new MARIACHI teaching center housed in the old Nuclear Structure Laboratory in the Physics Department at Stony Brook University (SBU). MARIACHI — Mixed Apparatus for Radar Investigation of Cosmic Rays of High Ionization — is an experiment led by BNL's Helio Takai, project co-principal investigator.

MARIACHI unites physics teachers, students, and scientists to explore cosmic ray physics while using advanced computing tools and cyberinfrastructure.

Those attending the teaching center's opening ceremony included: (see photo, from left) New York State Assemblyman Michael Fitzpatrick, co-principal investigator of the project Professor Michael Marx of SBU, New York State Assemblyman Marc Alessi, New York State Assemblyman Steven Engelbright, National Science Foundation Program Director Kathleen McCloud, SBU Vice President for Brookhaven Affairs Robert McGrath, SBU President Shirley Strum Kenny, SBU Chair of Physics & Astronomy Peter Koch, BNL Director Sam Aronson, SBU Professor Tom Hemmick, and Takai.

MARIACHI is supported by a National Science Foundation CI-TEAM grant to SBU and BNL. At the new center, MARIACHI participants will be trained to use collected data to carry on science research. The facility will also be used to host workshops to educate and promote the use of cyber-infrastructure in research and teaching. The facility houses the MARIACHI main server and processing nodes. The team expects to use the



array to search for new techniques to detect ultra high energy cosmic rays, lightning phenomena, and meteors.

The experimental setup has three main components: first, radar to detect echo of scattered radio from atmospheric ionization sources; second, an array of scintillation detectors placed in local high schools to detect cosmic ray showers; and third, a cutting-edge cyber-infrastructure for data collection, data distribution, and communications. The data acquisition, which is GRID-computing based, is now under way with Rocky Point High School as the first site to upload data using this technology. Co-principal investigator John Hover of the BNL GRID-computing group leads the implementation of this technology.

The first workshop of 28 students and teachers that started MARIACHI was held three years ago (see The Bulletin of July 30, 2004). Since then, the number of schools, teachers, and students involved in the project has increased. Forty-five students and teachers from Long Island, New York City, and New Jersey attended this year's workshop and presented and discussed a comprehensive list of interesting research subjects to pursue in the future. — Liz Seubert

News Flash



Clinical Trial Starts for Cocaine Addiction Therapy Resulting from Promising Research at BNL

This week, Catalyst Pharmaceutical Partners (CPP) issued a news release on the start of a Phase II U.S. clinical trial to evaluate the safety and efficacy of CPP-109 — a pharmaceutical product containing the epilepsy drug vigabatrin, or GVG — as a treatment for cocaine addiction. A large body of preclinical research conducted by Stephen Dewey of BNL's Medical Department, and Jonathan Brodie, a psychiatrist at

the New York University School of Medicine, shows that vigabatrin/GVG holds promise as a treatment for addiction to a variety of abused drugs, including cocaine (see: <http://www.bnl.gov/CTN/GVG/>). CPP has licensed from BNL the right to use vigabatrin to treat a wide variety of substance addictions. To read the press release, see www.bnl.gov/bnlweb/pubaf/pr/PR_display.asp?prID=07-X10.

Roger Stoutenburgh D0250105

Sambamurti Memorial Lecture, 7/17

Dugan O'Neil on Seeking Single Top Quarks

You are: single, non-smoking and produced via the electroweak interaction.

We are: 600 physicists interested in having fun and in measuring V_{tb} for the first time. We know you are out there somewhere: please contact us through our 5,000-ton mutual friend.

This unusually alluring introduction to a scientific talk comes from Dugan O'Neil of Simon Fraser University, one of the 600 physicists seeking single (non-smoking) top quarks using the 5,000-ton apparatus of the DZero experiment and hoping to measure " V_{tb} ," which is a parameter determining the rate of single top quark production.

To learn more about this experiment and its implications, all are invited to join O'Neil as he talks on "Seeking Single Top Quarks in DZero" in the annual Sambamurti Memorial Lecture, to be held on Tuesday, July 17. The talk will begin at 3:30 p.m. in the Large Seminar Room of the Physics Department, Bldg. 510. Refreshments will be available from 3 p.m.

As O'Neil will discuss, the top quark was discovered in 1995 by two collaborations working at Fermi National Accelerator Laboratory's Tevatron collider, the Collider Detector at Fermilab and the DZero teams. DZero physicists are now studying top quark properties in detail at the Tevatron.

Until recently, the team has observed only top quark pair production via the strong interaction, the force that keeps quarks together. However, the Standard Model of particle physics — the most widely accepted theory of how matter behaves — also predicts the production of single top quarks via the electroweak interaction, another of the forces known to act on quarks. This mechanism will give the team the first chance at a direct measurement of V_{tb} , and the best sample in which to study spin polarization effects in quarks.

"Well, there is hope!" says O'Neil. In December 2006, the DZero experiment announced the first evidence of single top quark production. "In my talk, after introducing the DZero experiment and motivating our interest in single top quarks, I'll present the status of our recent efforts to find this elusive signal," he says.

O'Neil received his B.S. degree in physics from the University of New Brunswick, and his Ph.D. in particle physics from the University of Victoria in 2000. He now works as a professor of physics at Simon Fraser University, Vancouver, Canada.

Established in 1992, the Sambamurti Memorial Lecture commemorates the work of Aditya Sambamurti, a BNL physicist who died in 1992, at age 31. Each year, an outstanding young physicist whose professional interests overlap those of Sambamurti is selected to deliver the lecture. — Liz Seubert



CALENDAR

OF LABORATORY EVENTS

- The BERA Store in Berkner Hall 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 #317 (Rec. Hall) is located in the apartment area.
- Contact names are provided for most events for more information.
- 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 for schedule. Jen Lynch, Ext. 4894.

Mondays: BNL Social & Cultural Club
Noon-1 p.m., Brookhaven Center, South Room, free beginners dance lessons. Rudy Alforque, Ext. 4733, alforque@bnl.gov.

Mondays: Pilates
Will resume in September.

Mondays: Jiu Jitsu Club
6-7:30 p.m. B'haven Center. All levels, ages 6 & up. \$10/class. Ext. 4556.

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

Mon., Tue. & Thu: Ving Tsun Kung Fu
Noon-1 p.m., B'haven Center, North Room. Taught by Master William Moy. Scott Bradley, Ext. 5745, bradley@bnl.gov.

Mon., Thurs., & Fri.: Tai Chi
Noon-1 p.m., B'haven Center N. Rm. Adam Rusek, Ext. 5830, rusek@bnl.gov.

Tues. & Thurs: Jazzercise
Will resume in September.

Tuesday & Thursday: Aerobic Fitness
Will resume in September.

Tuesday & Thursday: Aqua Aerobics
Will resume in September.

Tuesdays: Welcome Coffee
Will resume in September.

Tuesdays: BNL Music Club
Noon, B'haven Center, North Room. Come hear live music. Joe Vignola, Ext. 3846.

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/.

Tue., Wed. & Thu: 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. An infant/toddler drop-in event. Parents meet while children play. During July and August, the group meets informally at the playground in the apt. area.

Wednesdays: Ballroom Dance Class
Will resume in September.

Wednesdays: Weight Watchers
Noon-1 p.m. Michael Thorn, Ext. 8612.

Wednesdays: Yoga
Noon-1 p.m., B'haven Center. Free. Ila Campbell, Ext. 2206, ila@bnl.gov.

Thursdays: Reiki Healing Class
Noon-1 p.m., Bldg. 211 Conference Rm. Nicole Bernholz, Ext. 2027.

Fridays: Family Swim Night
5-8 p.m. BNL Pool. \$5 per family.

Fridays: BNL Social & Cultural Club
Noon-1 p.m., B'haven Center, South Room, free beginners dance lessons. 7-11:30 p.m. North Ballroom, Dance Social, workshops. Rudy Alforque, Ext. 4733, alforque@bnl.gov.

CIGNA: Tuesdays, Bldg. 400

A CIGNA Healthcare representative will be on site in Human Resources, Bldg. 400, on Tuesdays, to assist with any claims issues that you have been unable to resolve yourself. Janice Petgrave will be available for 30-minute meetings, by appointment only, 10 a.m.-1 p.m. Bring all pertinent documentation. To schedule, call Linda Rundlett, Benefits Office, Ext. 5126.

Then & Now — BNL Research Leads to Clinical Treatment

Recently, to honor his outstanding contribution of discovering L-dopa as treatment in the fight against Parkinson's disease, George C. Cotzias's home country of Greece issued a commemorative stamp. Cotzias, a Harvard Medical School graduate who worked in BNL's Medical Department from 1953 to 1975, began research into the use of L-dopa to treat Parkinson's disease in the 1960s. He conducted clinical trials for many years with doctors across the nation. They found that L-dopa helped many Parkinson's sufferers to become self-reliant. As Robert Crease, now Philosophy Department

Chair at Stony Brook University, notes in *Making Physics*, his book about BNL's early history, "L-dopa was the first therapy ever discovered for a degenerative neurological disease, and it revolutionized the treatment of such diseases, for it showed that certain specific chemical substances may directly affect their course."

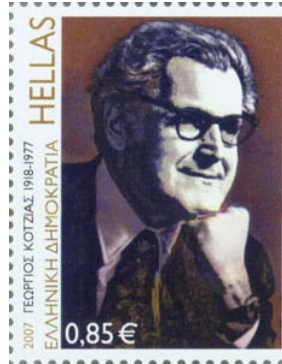
As Crease recounts, other significant research done at

BNL in the life sciences during the early- and mid-1960s included "Panayotis Katsoyannis's synthesis of human insulin, the first human protein ever synthesized; and Lou Dahl's quantitative studies of the link between hypertension and salt intake and his development of salt-sensitive and salt-resistant

role in a heated controversy about the high concentration of salt in commercial baby foods."

The tradition of innovative research resulting in pioneering clinical treatment has continued at the Lab. For example, research on addiction and potential therapies has been ongoing for many years among scientists in BNL's Chemistry and Medical Departments. One of the latest findings of great promise is unfolding now in the use of the epilepsy drug vigabatrin as a treatment for cocaine addiction (see News Flash on page 1).

— Liz Seubert
With Jane Koropsak



strains of rats (which have blood pressure characteristics similar to human beings) as well as his

Stony Brook University Student Awarded 2007 Gertrude Scharff-Goldhaber Prize



Manuela Kulaxizi (above, right), who graduated this spring from Stony Brook University (SBU) with a Ph.D. in physics, won the 2007 Gertrude Scharff-Goldhaber Prize consisting of a framed certificate and \$1,000. The prize was established to recognize substantial promise and accomplishment by women graduate students in physics who are enrolled at SBU or who perform their thesis research at BNL.

With Kulaxizi is Vinita Ghosh, a Board member of Brookhaven Women in Science (BWIS), a nonprofit organization that supports and encourages the advancement of women in science. BWIS administers this prize, which honors the outstanding contributions of the late nuclear physicist Gertrude Scharff-Goldhaber who, in 1950, became the first woman Ph.D. physicist appointed to the Brookhaven Lab staff. She also became a founding member of BWIS.

A native of Greece, Kulaxizi earned her B.S. in physics from the University of Athens in 1997. Also interested in acting, she later attended drama school. She returned to physics in 2001, when she began her graduate studies at the Yang Institute for Theoretical Physics at SBU. She plans to continue her career in physics as a postgraduate research fellow at the University of Amsterdam this fall. At the award ceremony, Kulaxizi gave a brief talk on her research, titled, "Gauge Theories, Gravity and Noncommutative Geometry."

— Diane Greenberg

In Memoriam

Frank Mignano, who joined the Plant Maintenance Division on August 7, 1967, as a custodian and retired as a painter A on February 28, 1990, died on November 28, 2006. He was 81.

James Nekerman, who started as a heavy equipment mechanical operator in the Plant Maintenance Division on August 20, 1962, died at 78 on January 4, 2007. He retired as a rigging supervisor on October 13, 1989, returning as a temporary supervisor in 1995/96.

Budd Pollock, who took Life Number 809 as a technician A in the Instrumentation & Health Physics Division on May 19, 1947, died on January 14, 2007. He was 91. He had retired from Health Physics as a technical supervisor I on May 31, 1978.

Wilbur Bailey, who joined the Plant Maintenance Division as a custodian on December 12, 1960, and retired from Staff Services as a helper A on September 27, 1991, died on January 15, 2007, at the age of 84.

Mary Cox, who became a Medical Department junior technician on March 21, 1966, and retired as an assistant dietician on April 6, 1984, died at the age of 90 on February 22, 2007.

John Raynis, who, after several years as a guest contractor from January 27, 1986, joined the Physics Department as a senior technical specialist on January 1, 1992, died at 76 on April 10, 2007. He retired from the Relativistic Heavy Ion Collider Department on September 19, 1997.

Integrated Safety Management Awareness

Integrated Safety Management (ISM) is the framework used to help guide all work at BNL and is a key requirement of BNL's contract with DOE. ISM's five core functions call for the Lab, as well as each employee, to define the scope of work; identify and analyze all hazards; develop and implement controls for those hazards; work within these controls; and provide feedback to improve safety in future work.

BNL will undergo a crucial ISM review this August. The auditors will likely interview a wide cross-section of BNL employees. Below are the second in a series of general ISM questions for managers, supervisors, and staff. The text below the questions gives examples of processes that may be appropriate as references for understanding the Lab's ISM program.

Question for Managers: How are the methods for authorizing work and verifying the readiness to perform work accomplished and documented?

Questions for Staff: What and/or who authorized you to perform this work? How do you know when it is "OK" to start a particular task/experiment/job?

Response: Managers/supervisors verify that adequate preparations for verifying readiness and authorizing work have been completed, and experimental safety reviews, work permits, standard operating procedures, and/or radiological work permits have been approved/issued. Daily job assignments and pre-job briefings also provide an avenue for authorizing work.

For more information, contact Steve Coleman, Ext. 8705 or coleman@bnl.gov.

On Site Nursery School Enrollment

Attention, parents of three- and four-year olds! Upton Nursery School is an on-site, not-for-profit, parent cooperative pre-school that meets at the Recreation Building in the apartment area. The school provides a warm, caring and stimulating environment for young children. Two or three-day morning schedules are available for a reasonable tuition fee. Classes are forming now for the Fall 2007-2008 school year. For more information or to register your child, contact Katalin Petreczky, 821- 4131, julika@optonline.net, and/or visit the school's website at www.bnl.gov/nurseryschool.

Community College Courses on Site in Fall

The following Suffolk County Community College (SCCC) courses will be offered on site for the fall 2007 semester and will satisfy requirements for most SCCC degrees. More students are needed to fulfill the minimum of 12 to run the courses.

ES17 – Introduction to Weather

(Prerequisite: MA07 or equivalent) - 4 credits

Introduction to elements and energies that are basic processes described as weather. Basic principles such as temperature, pressure, density, humidity and air movement are studied to provide basis for understanding long- and short-range forecasting, including severe weather phenomena such as hurricanes and tornadoes.

PS30 – Portfolio Preparation (no prerequisite) - 1 credit

Provides adults with a vehicle for identifying and demonstrating college-level learning achieved outside the classroom. Students provided with necessary information and techniques for choosing a degree program and preparing a portfolio that describes and documents the learning. The portfolio may then be presented to the faculty for evaluation.

SP11 – Elementary Spanish I (no prerequisite) - 3 credits

Introductory sequential course in Spanish which develops four language skills of listening, speaking, reading, and writing with emphasis on communicative competence. Introduces basic concepts of Spanish culture. SP11 is for students with little or no knowledge of Spanish; not for native/fluent speakers of Spanish.

Employees who take college courses may apply for tuition assistance. BNL offers tuition advances or reimbursements at 75 percent for undergraduate courses. For more information, contact Starr Munson, munson@bnl.gov or Ext. 7631.

Addition to CIGNA Radiology Network

As of July 15, John T. Mather Hospital and the Fortunato Breast Health Center have joined CIGNA's (AIM) radiology network, becoming in-network providers for radiology services under the CIGNA OAP PPO medical program. If you use their services, make sure that they indicate to you that they participate in the plan and that you will be billed for in-network services. If you have used the facilities previously, make sure that they update your records and only request the in-network co-payment, if any. Note: only radiology services in the newly signed contract will be in-network. When you make appointments for a service, ask if it is in-network.

BNL On Summer Sundays Tour Features NSLS, 7/15

BNL opened its doors to the public last Sunday and will continue every Sunday through August 19. Each week, a different tour is featured, including, on July 22, a visit to its newest facility, the Center for Functional Nanomaterials. Both adults and children can enjoy a variety of entertaining activities, including the Whiz Bang Science Show and the Brain Teasers exhibit each week. Celebrate the Lab's sixtieth anniversary, and collect commemorative souvenirs while supplies last.

Summer Sundays are offered free, and no reservations are needed. Visitors may arrive any time from 10 a.m. to 3 p.m. The Whiz Bang Science Show will be staged at 10:30 a.m., noon, 1:30 p.m. and 3 p.m. each Sunday. All visitors age 16 and over must bring a photo ID.

July 15 - See With Invisible Light

The scientists, engineers and staff at the National Synchrotron Light Source (NSLS) and its planned successor — NSLS II — are pros at producing some of the brightest x-ray, infrared and ultraviolet light beams used by thousands of scientists every year, some of whom are seen on the experimental floor in the photo below. Their remarkable discoveries impact our everyday lives with advances in medicine, materials, space travel and more! Experience hands-on activities, tour the experimental hall, and take a quiz to win a prize.



Roger Stoutenburgh D1650605

- July 22 - Explore Ultrasmall Science Frontier at the CFN**
- July 29 - Play With Science at the Learning Center**
- August 5 - Climb Aboard for Safe Family Fun**
- August 12 - Today's Forecast Calls for a Balloon Launch**
- August 19 - A Perfect Liquid Exists at RHIC**

BSA Noon Recital, 7/25

On Wednesday, July 25, artists from the "Pianofest" intensive workshop in piano performance, now in its 19th year, will present a lunchtime recital in Berkner Hall at noon. Pianofest Director Paul Schenly will introduce a selection of workshop attendees, who will each contribute to the musical program.

Sponsored by BSA, the company that manages BNL, the recital is free, informal, and open to the public. Visitors to the Lab of 16 and over must carry a photo ID.

Arrivals & Departures

— Arrivals —

- Lanny Bates.....Director's
- Eric Bullock..... Plant Eng.
- Dale Galante Plant Eng.
- Rosalbino Grandinetti NSLS II
- Altaf Karim CFN
- Matthew Lamont Physics
- James Mc Breen..... CMP&MS
- Kenneth Pedersen..... NSLS
- David Starr..... CFN
- Ferninand Willeke..... NSLS II

— Departures —

- Carl Anderson..... C-AD
- Rita Kito Budget
- Tadas Krupovnickis..... Physics
- William Leigh-Manuell ...Em. Servs.
- Shuguo Ma.....Chemistry
- Jennifer Niedziela..... C-AD
- Maryam Tatosian NNS

Hospitality Get-Together, 7/17

The Hospitality Committee invites all to gather at the gazebo at the apartment area on Tuesday, July 17, at 11 a.m. Bring your own snacks and drinks, and meet new friends. No reservations are needed.

Defensive Driving Course in Two Parts, 7/19 & 26

The next six-hour Defensive Driving (Point & Insurance Reduction) course will be held in two parts on consecutive Thursday nights: July 19 and 26, in the Brookhaven Center South Room, 6 p.m.-9:15 p.m. The course is open to BNL, BSA, and DOE employees, facility-users, and their families. The cost is \$30 per person. Preregistration is required. To register, call Ed Sierra, 821-1013, and leave a message. Include your phone number. For more information, call Sarah Wiley, Ext. 4207.

Lab Community Lunchtime Tour, 7/20 See Super New York Blue Supercomputer

For the next Lunchtime Tour, on Friday, July 20, the Lab community is invited to see and learn about the capabilities of New York Blue. This superfast computer, ranked fifth in the world for general use, is the gift of New York State to Stony Brook University and BNL, and is located in the Information Technology Division. To join the tour, meet the group in the upper lobby of Berkner Hall at noon. No reservations are needed. Questions? Call Elaine Lowenstein, Ext. 2400.



Roger Stoutenburgh D1650607

Hospitality Barbecue, 7/21

The Hospitality Committee invites all to celebrate summer, meet new friends, and dance to DJ music at their Annual Barbecue on Saturday, July 21, at 5 p.m. at the apartment area gazebo. The committee will provide the hot charcoal grill, drinks and desserts. Barbecue-goers should bring something to grill and a side dish to share. For more information or to volunteer to help, contact Sarah at sjfadem@gmail.com.

Summer Student Talent Show, 7/24

The Office of Educational Programs invites the Lab community to attend their annual Summer Student Talent Show on Tuesday, July 24, at 5:30 p.m. in Berkner Hall.

Anyone who would like to perform in this summer's Talent Show should contact Tabatha Wyche, Ext. 4503.

Cycletrons Motorcycle Club Lunch Gathering, 7/18

Support National Ride To Work Day! Join us on Wednesday, July 18, at noon, at the Gazebo, for heros, salads, soda. The event will be held rain or shine. All are welcome. Cost is free to Club members, \$2 per person for guests. More information is @ <http://www.bnl.gov/bera/activities/mcycle/> or from Frank Dusek, Ext. 2022 or Charles Gardner, Ext. 5214.

BERA Hispanic Heritage Club Invites All to Annual Salsa Picnic, 7/29

All are welcome to join the BERA Hispanic Heritage Club's summer social on Sunday, July 29, noon-6 p.m., at the BNL Gazebo. Bring chairs, umbrella, picnic, beverages, and a dish to share. Two small grills will be available for barbecues. Music will be by DJ Alex. All are invited to bring instruments to play, and bikes if you want to ride. Other activities will include volleyball and horseshoe games, musical chairs, a dance contest, and face painting, 2-4 p.m. For more information, contact Yvette Malavet-Blum, malavet@bnl.gov or Ext. 5591; or Anna Petway, petway@bnl.gov or Ext. 4776.

One-on-One Retirement Counseling

A TIAA-CREF consultant will visit BNL on Wednesday and Thursday, July 18 & 19, and Wednesday, July 25, to answer employees' questions about financial matters, such as understanding the importance of protecting assets against inflation, finding the right allocation mix, learning about TIAA-CREF retirement income flexibility, comparing lifetime income vs. cash withdrawal options. For an appointment, call Suzanne Leone, (866) 842-2053, ext. 4601.

Challenge! Think of a Caption



Roger Stoutenburgh D2790507

The Lab community is invited to think of an appropriate caption for this photo of an unchained chipping sparrow spotted by Lab Photographer Roger Stoutenburgh. Send suggestions to bulletin@bnl.gov, or by "snail-mail" letter to Liz Seubert, The Bulletin, Bldg. 400, BNL, Upton NY 11973, by Monday, August 6, to allow retirees to join in. We'll print the best, wittiest, most charming, etc., and dream up a prize (inexpensive!) to suit.

CALENDAR

— WEEK OF 7/16 —

Tuesday, 7/17

***Sambamurti Lecture: Top Quarks**
3:30 p.m. Physics Department Large Seminar Room. Dugan O'Neil of Simon Fraser University will talk on "Seeking Single Top Quarks in DZero." All are welcome. Refreshments are at 3 p.m. before the talk. See page 1.

Wednesday, 7/18

Demos of Latest GIS, CAD Plotting
11 a.m.-2 p.m. Berkner Hall Lobby. Eberhard Systems, L.I.'s original AutoCAD dealer for 25 years and a premier VIP Platinum Hewlett Packard dealer, will demonstrate the latest in GIS and CAD plotting with the all-new T1100 and the Z6100. Stop by to speak to professionals about your plotting and CAD needs.

***Cycletrons Lunch Gathering**
Noon. Ballfield gazebo. All are welcome, club members free, guests \$2. See notice at left.

Thursday, 7/19

***Defensive Driving Course, Part I**
6-9:15 p.m. First half of course, second part on 7/26. \$30. To register, call Ed Sierra, 821-1013, leave a message. See notice below, left.

Friday, 7/20

***Tour of New Supercomputer**
Noon. Berkner Hall lobby. Meet the group to go to see New York Blue, the new supercomputer at BNL. See notice above, left.

Saturday, 7/21

Hospitality Barbecue
5 p.m. apartment area gazebo. All are welcome. See notice, left.

— WEEK OF 7/23 —

Monday, 7/23

BJ's Wholesale Club at BNL
11 a.m.-2 p.m. BJ representatives will offer membership normally at \$45 for 12 months for only \$30 for 13 months, for 2 cards. These savings can be added onto existing memberships to lock in the price. Giveaways and prizes offered. For more information, call Chuck Adams, 790-7242.

IBEW Meeting

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

Tuesday, 7/24

Verizon Wireless Demo

11:30 a.m.-1:30 p.m. Berkner Hall lobby. Representatives from Verizon Wireless will discuss the latest services available. Lab employees will receive a 15 percent discount on purchases. Contact Mavi Baig, 917-881-2748 or Mavi.Baig@VerizonWireless.com.

***Summer Student Talent Show**

5:30 p.m. Berkner Hall. If it's half as good as student talent shows of last year and the year before, it is not to be missed!

Wednesday, 7/25

***BSA Noon Recital — Pianofest**

Noon. Berkner Hall. Artists from the "Pianofest" intensive workshop in piano performance will present a recital. Pianofest Director Paul Schenly will introduce the performers. Sponsored by BSA, the recital is free and open to the public. Visitors to the Lab of 16 and over must carry a photo ID.

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

Classified Advertisements

Placement Notices

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

LABORATORY RECRUITMENT - Opportunities for Laboratory Employees

TECHNICAL RESEARCH ASSOCIATE (T-6) - Requires 15 years of related experience that includes an extensive knowledge of Laboratory management systems and subject areas, QA, EMS and OHSAS programs and a wide variety of contacts with the BNL support and operating organizations. Previous field work and supervisory experience desirable. Must have proven record of being team player, having excellent communication and time management skills, getting cooperation from staff to complete assigned action items, working independently, having the ability to learn new systems and make informed decisions, and regularly exercising a high degree of discretion and judgment. Reports to the Collider-Accelerator Department (C-AD) ESHQ Division Head, requires being responsible for QA activities including process/program audits, EMS 14001/OH-SAS 18001 assessments for C-AD/SMD, participation in source selection process and review of requisitions for QA. Acts as alternate administrator of the C-AD Family ESH and QA ATS. Coordinates weekly Tier 1 Safety Inspections and enters Tier 1 findings into ESH ATS and follows up on status of findings. Maintains valuable materials inventory including field walk downs to verify correctness of data. Maintains the over 100 C-AD FJAs current. Serves as secretary of C-AD/SMD Worker Occupational Health & Safety Committee. Assists C-AD Waste Coordinator with waste management and 90-Day Area activities. Issues electrical PPE to C-AD electrical workers each quarter. Assists ESHQ Division Head and Department Chair's Office with special projects. Assists with writing, reviewing and revising C-AD OPMs. Teaches facility-specific safety training classes to staff and users. Participates in the FRA/JRA and EMS Process Assessment programs. Collider-Accelerator Department. Send resume to morales@bnl.gov, referring to Position No. RM 4637.

PROJECT PLANNING SPECIALIST (A-6) - Requires bachelor's degree; master's degree preferred. Must have four years' related work experience including two years of Material Protection, Control & Accounting (MPC&A) Program experience. Must have extensive knowledge of the rules regarding the MPC&A International Cooperative License (ICL) database, knowledge of Commodity Codes and their usage. Must be able to work under pressure, balance priorities and perform multiple tasks. Excellent written and communication skills required. Must be a Technical Representative solely responsible for complying with all aspects of Procurement and Contract administration as well as the DOE Program Management Document. Occasional business travel may be necessary. Knowledge of Microsoft Office programs required. Knowledge of Laboratory systems such as WEB REQ and SBMS, and all aspects of PeopleSoft Financials required. Under minimum supervision will be responsible for program management functions and procurements with domestic and foreign international organizations. Will independently interact with DOE, BNL and other Laboratory personnel to ensure that activities are properly planned, executed and controlled. Responsible for monitoring the costs and commitments of assigned projects to ensure activities are on time, within scope and within budget. Will be responsible for the proper control and handling of Confidential/Foreign Government Information - Modified Handling (C/FGI-MOD) documents. Must be able to obtain and maintain a DOE "Q" clearance. Nonproliferation & National Security Department. Send resume to morales@bnl.gov, referring to Position No. RM 3625.

ADMINISTRATIVE ASSISTANT (A-4) - Requires an AAS in secretarial science or equivalent, excellent oral and written communications skills, and a thorough knowledge of Laboratory policies and procedures. Must have the ability to operate

independently and regularly exercise a high degree of discretion and judgment. Requires eight years' related administrative experience, including six years at BNL in a role that provided exposure to broad knowledge, skills and abilities. Must have the ability to work in a fast-paced office with quickly changing priorities. Must maintain a flexible schedule, and possess strong organization and decision-making skills as well as excellent interpersonal skills. Provides administrative support to NSLS-II Accelerator Division Head and Accelerator Division staff, and other NSLS-II management and staff in either a general or specialized administrative function. Performs administrative tasks in support of NSLS-II Accelerator Division, including but not limited to: upkeep of daily calendars, arrangement of meetings with internal and external contacts and responding to internal and external requests for information and guidance. Coordinates workshops, maintains databases, creates PowerPoint presentations. Discretionary and confidential handling of sensitive information is essential. May supervise other clerical personnel assigned to NSLS-II Accelerator Division. In-depth knowledge of the following is required: All MS Office programs, PeopleSoft Financial including travel, web requisitions, and PeopleSoft HR. National Synchrotron Light Source II Project. Send resume to peterespo@bnl.gov referring to Position No. PE 4684.

OPEN RECRUITMENT - Opportunities for Lab employees and outside candidates.

FISCAL OFFICER (M-3) - Requires a minimum of a bachelor's degree in accounting or finance; a proven track record of at least 15 years' experience with progressively increasing management responsibilities in the field of corporate or public accounting or auditing with a medium to large organization as Controller, Assistant Controller, Accounting Manager, or Supervisory Internal Auditor. Candidate must be a CPA and possess a working knowledge of Generally Accepted Accounting Principles (GAAP), Cost Accounting Standards (CAS), and general taxation and internal controls. An MBA or MS in Finance or Accounting would be highly desirable as is experience with a DOE Laboratory or government contractor. The Fiscal Officer reports to the Assistant Laboratory Director for Finance and CFO of Brookhaven Science Associates (BSA). As Manager of the Fiscal Services Division, responsibilities include providing leadership, direction and support for the General Accounting (including internal financial reporting and STARS/SGL submissions to the DOE), A/R, A/P, Payroll, Travel Office, the Foreign Travel Office, and Conference Management functions, and for federal and state tax compliance and reporting for the Laboratory and BSA. The Fiscal Officer is the subject matter expert on allowable/unallowable costs under BSA's prime contract with the DOE, and is frequently called upon to provide determinations of such costs. Additional responsibilities include ensuring that Division performance and risk assurance measures and self-assessments are designed and executed to satisfy Contractual and BSA Corporate Governance requirements, including effective internal accounting controls. This also includes coordination of external independent CPA firm certified audits of the BNL and BSA financial statements, with the expectation of receiving clean, unqualified opinions, and other external financial audits and reviews performed by the DOE Office of the Inspector General, the GAO, the DOE, and other BSA stakeholders. Director's Office. Send resume to sobrito@bnl.gov, referring to Position No. 4103.

CONFIGURATION MANAGER (M-1) - Requires a bachelor's degree in engineering or a related discipline (advanced degree preferred) and sufficient experience to have demonstrated capabilities of responsible configuration management leadership. Prior project management experience or formal project management training is required. Supervisory experience is desirable as this position will oversee other configuration management support staff. Candidate will report to the NSLS-II Deputy Project Director and responsibilities will include refining and implementing the NSLS-II Configuration Management Plan and associated Change Control procedures. Will perform the day-to-day administration of configuration management activities coordinate the development and control of the NSLS-II Design Manual, implement procedures for review of baseline drawings and Engineering Change Requests (ECRs) for NSLS-II construction and assure that baseline changes are defined, documented, and approved at the appropriate management level. Will distribute changes to affected organizations and maintain records of all baseline drawings, specification and engineering changes related to the project. Will also oversee the records management and document control requirements for the Project. National Synchrotron Light Source II Project. Send resume to peterespo@bnl.gov referring to Position No. PE 4775.

FIRE CHIEF (M-1) - Requires a bachelor's degree in fire science or a related field; a master's degree in business or related field is highly desirable. Requires 15+ years of progressively responsible related work experience in industrial fire prevention, fire protection, loss prevention, and safety with at least five years of supervisory firefighting

experience at a level which demonstrates familiarity with all aspects of fire department operations and leading bargaining unit personnel. Requires extensive knowledge of firefighting, hazardous materials, and emergency medical care. Must have current working knowledge of fire suppression techniques, fire alarm systems, and clean agent suppression systems in support of the inspection, test and maintenance of fire-related apparatus, equipment and systems. Technical writing experience and skills are required and must be demonstrated. Demonstrated experience and proficiency in developing and delivering technical oral presentations. Must be able to effectively communicate and organize individuals from other disciplines to maximize effectiveness of the FP program. Demonstrated leadership skills are also a prerequisite as are strong communications and interpersonal skills. Relevant certifications and licensures preferred. Must be able to perform work effectively on computer-based systems. For a complete description, please visit our website under "Technical Positions." Emergency Services Division. Send resume to sobrito@bnl.gov, referring to Position No. NS 3403.

SCIENTIST (S-3, reposting) - Requires a Ph.D. in physics, physical chemistry, or materials science and at least 10 years' research experience beyond a Ph.D. degree. Excellent written and oral communication skills desired, as well as having demonstrated the ability to work effectively with a diverse group of scientists. Experience in managing a synchrotron beamline program or equivalent management experience is preferred. Candidate will be responsible for managing the scientific staff involved in the operation of materials and chemical sciences facility beamlines as well as overseeing the productivity of externally operated beamlines with a scientific focus in these areas. Candidate will also be expected to establish a forefront research program in materials or chemical sciences, participate in developing proposals for funding initiatives, and oversee the upgrade of NSLS beamlines for transition to NSLS-II. Under the direction of R. Pindak, National Synchrotron Light Source Department. Send CV to pindak@bnl.gov, referring to Position No. KH 3265.

POSTDOCTORAL RESEARCH ASSOCIATE - Requires a Ph.D. in political science, as well as a knowledge of and experience with U.S. national security policies and practices with an emphasis on nuclear security issues, including nuclear terrorism, nuclear nonproliferation, and nuclear deterrence. An in-depth understanding of international security and conflict resolution and the role of international organizations and international law in supporting U.S. security objectives are important. Good understanding of the role of the International Atomic Energy Agency (IAEA) and the IAEA safeguards systems in deterring proliferation is desirable. This position is in support of a number of ongoing and anticipated activities including: review of legal, political, financial, and technical aspects of the implementation of IAEA safeguards with a view towards identifying key constraints and assessing alternatives to overcome them; examination of the negotiating histories of safeguards agreements and discussions of safeguards in the IAEA Committee on Safeguards and Verification with a view towards assessing key obstacles to and potential areas for improvement; review and assessment of U.S. policies related to the utilization of uranium enrichment and reprocessing technologies and how these policies relate to the NPT; aspects of U.S. nonproliferation approaches to certain countries of concern. Under the direction of Dr. M. Rosenthal, Nonproliferation & National Security Department. Send CV to felicia@bnl.gov, referring to Position No. FH 3627.

PROJECT ENGINEER I (P-9)/PROJECT MANAGER - Requires a bachelor's degree in architecture and a minimum of 10 years' experience in project management, building design and facility construction. Demonstrated project experience in the development and execution of construction projects from conceptual through detailed design, and construction as well as experience meeting with clients, writing proposals and defining scope of work is required. RA license and/or master's degree highly desirable. Familiarity with New York State Building Code and LEED a plus. Develops project plans to meet customer needs within available budget and time frame. Must be capable of leading project team, developing project schedules and cost estimates. Plant Engineering Division. Send resume to sobrito@bnl.gov, referring to Position No. NS 4450.

STAFF ENGINEER (P-5)/ENVIRONMENTAL COMPLIANCE REPRESENTATIVE - Requires a BS in science or engineering (advanced degree preferred) and a minimum of five years' experience in evaluation and application of environmental regulations to industrial and laboratory operations. Requires general working knowledge of RCRA, CWA, SDWA, TSCA, CERCLA and NYS and local environmental regulations. Demonstrated familiarity with pollution prevention concepts, with strong process engineering skills and ability to proactively analyze projects to identify and eliminate compliance problems and wastes. Demonstrated problem solver. Familiarity with

the ISO 14001 Environmental Management System Standard is a plus. Requires excellent communication and computer skills. Responsibilities will include providing senior level technical support to Departments and Divisions to ensure compliance with applicable laws, requirements, and BNL policy. Safety & Health Services Division. Send resume to tbuck@bnl.gov, referring to Position No. TB 4628.

PHYSICS ASSOCIATE IV POSITIONS (P-1) Requires a BS in physics and excellent written and oral communication skills. Background experience in high power pulsed power supplies, digital electronics, computer controls and programming, as well as laboratory test and measurement techniques, desirable. Primary duties, as part of a rotating shift team, include the operation and troubleshooting of the Collider-Accelerator Complex for the experimental physics program. Will be part of emergency response team while on shift. Collider-Accelerator Department. Send resume to tbuck@bnl.gov referring to Position No. TB4410.

ADVANCED TECHNOLOGY ENGINEER/SMS ADMINISTRATOR (I-7) - Requires a BS degree and/or equivalent work experience and 5+ years of hands-on management experience with Microsoft Systems Management Server 2003 (SMS2003). Must have experience in writing scripts using visual basic, MS SQL, batch files, WMI, VBScript and Wscript. Responsibilities include the installation, administration and monitoring of an SMS infrastructure consisting of 3000+ nodes, troubleshooting SMS server and client issues, creation, testing, and deployment of software packages via SMS, development of custom SMS web reports. Ideal candidate will have advanced administrator experience in Windows 2003 Server, Microsoft IIS Server and Microsoft SQL Server. Information Technology Division. Send resume to morales@bnl.gov referring to Position No. RM 4705.

SR. PUBLIC AFFAIRS REPRESENTATIVE (A-6) - Requires a minimum of a bachelor's degree in journalism, related sciences, or equivalent and at least 4 years of progressively responsible related work experience in media/government relations and/or science writing. Excellent writing, interviewing, and reporting skills required. Responsible for broad duties relating to internal and external media and communications activities including translation of complex BNL scientific and operational news for employees, press, and general public. Must expertly communicate BNL research, operational news, and scientific priorities through the production of press releases and collateral materials, such as fact sheets, brochures, magazines, scripts, speeches, presentations, and web content. Will also assist in the production of BNL's weekly staff newspaper and biweekly employee e-newsletter. Computer literacy a must; experience with desktop publishing (InDesign) highly desirable. Community, Education, Government & Public Affairs Directorate. Send resume to morales@bnl.gov, referring to Position No. RM 3994.

PROPERTY ADMINISTRATOR (A-6) - Requires a bachelor's degree in business administration with at least four years' related experience; including proficiency in Excel, MS Word, Outlook, MS Access, excellent oral and written communication skills, excellent organizational skills and excellent interpersonal skills as well as the ability to work as a team. National Property Management Association (NPMA) Certification and knowledge of Federal and Department of Energy (DOE) Property Management regulations highly desirable. Obtaining certification would be required. Prior supervisory experience is desired as is experience with PeopleSoft/Oracle database. Successful candidate will be expected to exercise initiative, good judgment, and be able to multi-task. This position will assist the Property Manager in the administration of the laboratory's property program and will be responsible for the supervision of the personnel assigned to the Property Management Section. Responsible for the administration of the laboratory's excess acquisition/disposal program for government equipment, transfers of equipment and property walkthrough inspections. Additional responsibilities include the role of Property Representative for the PPM Division as organizational contact for all day-to-day activities related to Asset Management. Also will serve as the Laboratory's Precious Metals Control Officer (PMCO) which includes training, scheduling, conducting, and reporting results of the annual physical inventory of precious metals. Will involve regular contact within and outside BNL to obtain and provide detailed and complex information that will be used to make decisions of business consequence. Procurement & Property Management Division. Send resume to tbuck@bnl.gov, referring to Position No. TB 4375.

BUDGET SPECIALIST (A-6, reposting) - Requires a bachelor's degree in accounting or business administration and a minimum of four years' relevant experience. Proficiency in Word, Excel, Outlook and other MS Office software is required. Excellent written and oral communication skills, ability to communicate effectively with administrative and technical personnel is essential. Knowledge of BNL policies and procedures as well as PeopleSoft Financials or labor cost distribution is strongly

desired. Excellent organization and analytical skills are necessary as is the ability to work well in a team environment. The ability to exercise a considerable degree of initiative and judgment is necessary. Will be expected to identify and resolve the majority of complex problems within work area. Involves considerable interaction within BNL to obtain and provide detailed and complex information that will be used to make business decisions. Responsibilities will include budget development, estimating, analysis of cost and commitment, rate development, preparation of financial analyses and reports to management and ad-hoc analysis. National Synchrotron Light Source. Send resume to tbuck@bnl.gov referring to Position No. TB 3264.

HUMAN RESOURCES REPRESENTATIVE (A-4) - Requires a bachelor's degree or equivalent work experience which must include experience with insurance claims and customer relations in a benefits, insurance, or health care environment. Proficiency in Word and Excel is required (knowledge of PeopleSoft HR and PowerPoint is a plus). Excellent written and oral communication skills and close attention to detail is essential. The ability to work in a fast-paced environment, handle high call volume, and work independently is necessary; as is a high level of personal integrity to perform this position with emphasis on confidentiality and discretion. Will be expected to provide benefits information to participants, resolve complex claim issues with insurance companies, review and process invoices, assist participants with plan enrollment and changes, update PeopleSoft database for benefits as necessary, and assist with coordination of open enrollment. Also must provide administrative support to the Manager, Benefits and other members of the Benefits staff. Human Resources & Occupational Medicine Division. Send resume to morales@bnl.gov, referring to Position No. RM 4747.

DESIGN ENGINEER (T-5, term appointment) - Requires a BS degree in mechanical technology, or equivalent and 10 years' experience in 3D modeling of complex mechanical components and systems. Requires substantial knowledge of engineering materials, machine shop practices and vendor products, as well as demonstrated skill in developing engineering concepts into detailed 3D models and drawings. Considerable experience in managing layouts, parts and assemblies in the drawing database. Substantial experience is required in specifying drive components such as motors, gears, bearings, actuators, switches and connectors. Good interpersonal skills and strong self-motivation are required. Work experience in the design of ultra-high vacuum systems and RF systems is desirable. Expertise in 3-D modeling with Autodesk's Inventor will be given preference. The NSLS-II Mechanical Design Engineer will have the following major responsibilities: generate 3D models and 2D drawings of accelerator and beamline components such as magnets, ultra-high vacuum chambers, RF mechanical components, x-ray absorbers, diagnostics devices; develop conceptual designs to meet physics and engineering specifications; create and maintain mechanical layouts and assemblies of major subsystems; interpret and ensure conformance to applicable standards, codes and policies including ANSI Y14.5; conduct tolerance stack-up and interference analyses; document designs through detailed drawings including bill of material, ECN and catalogue items; and perform checking procedures as assigned by the immediate supervisor. May direct and coordinate the work efforts of other design personnel. Will report to the Design Room Supervisor. National Synchrotron Light Source II Project. Send resume to peterespo@bnl.gov referring to Position No. PE 4688.

SR. DRAFTING SPECIALIST (T-3, term appointment) - Requires an AAS degree in electronic technology, electrical drawing, or equivalent and six years experience in the design of high density multi-layer printed circuit boards (PCBs) and schematic capture. Candidate should have a demonstrated skill in designing precision analog, RF, and high speed digital layouts using PCB design software packages. Proficiency with P-CAD systems will be given preference. AutoCAD experience is also desired. Will work on PCB design and schematics for various electrical systems used in NSLS-II. Will report to Group Leader for Electrical Engineering. National Synchrotron Light Source II Project. Send resume to peterespo@bnl.gov referring to Position No. PE 4685.

TICKETS - Ducks vs. Camden, Sat., 8/25 @ 7:05 p.m., fireworks to follow game, 8 tickets @ \$10 ea. Donna, Ext. 2716 or 878-2425.

TICKETS - MEAT LOAF - Madison Square Garden, Fri July 20th 8 p.m., 2 tickets sect 202, row R, seats 9-10, \$180pr/best offer. 516-527-4902.

TICKETS - 4 Donna Summer tickets at Foxwoods on Sat eve. 7/21, \$57.50ea. Beth, Ext. 4144.

Other ads have had to be omitted for lack of space. They are available with the pdf version of the Bulletin at www.bnl.gov/bnlweb/pubaf/bulletin.asp or by calling Liz Seubert, Ext. 2346.

Motor Vehicles & Supplies

04 CHEVROLET SILVERADO 1500 - LS, 5.3L, 4x4, 8cyl, DRL c/c, p/b, p/s, p/w, a/c, a/t, tow pkg, keyless entry, excel. cond. 40K mi. \$21,000/neg. Anna, Ext. 7132.

03 HYUNDAI ACCENT - 4 cyl., 5 spd. manual, a/c, am/fm., hatchback, 32mpg, silver, charcoal int., reliable. 49K mi. \$5,500/neg. Brigitte, Ext. 3114 or 909-1309.

02 TOYOTA CELICA - GT, carbon blue, 4 cyl, 2 dr., 5 spd., excel. cond., must sell. 84K mi. \$9,000. Ext. 4924.

00 FORD TAURUS WAGON - reliable, , 3.0L V6, p/w, p/l, p/b, a/c, c/c, 4 whl disc, hwy. mi., excel. cond., pictures avai. 180K mi. \$3,500. Nelson, Ext. 5354.

98 VOLVO V70 - 5-cyl, wagon, a/t, cd, 23 mpg, c/c, new tires, roof rack, p/s, ABS, excel. cond. 179K mi. \$4,100/neg. Dejan, Ext. 3078.

96 VOLVO 850 GLT WAGON - very well maintained, many extras, safe and reliable. 92K mi. \$5,500/neg. Jason, Ext. 3477.

95 CHEV P/U 1500 - 4x4 8cyl 5spd duel gearbox bedliner a/c p/s p/b carefully maintained, many new parts complete records 140K mi. \$4,500. Steve, Ext. 4211 or 631-286-3681.

95 SUZUKI INTRUDER - Great starter bike good cond new tires. 11K mi. \$1,500/neg. Richard, Ext. 5319 or 631 835 -8309.

92 FORD TRUCK - lg. box, a/c, new brakes, int. shelves, roofrack, extremely reliable, runs well, must sell. 116K mi. \$4,500/neg. John, 849-4705.

90 CELICA GT - liftback, moon roof, manual 5 spd, orig. owner, p/w, dr. lock, new clutch & catalytic converter, run Ext. 2919.

83 SOUTHWIND MOTOR HOME 27' REAR BATH - Cab & roof AC, sleeps 7, fully loaded, runs great, pic avail. 43K mi. \$6,500/neg. Susan, Ext. 7235 or 399-7997.

Boats & Marine Supplies

8' DONT NO DINGY - fiberglass flat bottom very stable looks old floats like new 4hp Evenrude included. \$500/neg. John, 631 821 4522.

Furnishings & Appliances

AIR CONDITIONERS - window, '02 Friedrich, 6100 Btu, 10.8 EER; '06 GE, 5100 Btu, 9.7 EER, \$50/ea. 878-0898.

BABY GATE - cream color, durable steel, adjustable, hardware included, \$15. Ext. 3621.

BEDROOM FURNITURE - girls washed pine dresser & desk, \$65; twin mattress, 8 mo., \$75, u pick up. Rich, Ext. 5741.

DINING ROOM SET - 1940's vintage, mahogany, v. gd. cond., oval pedestal table, 56"x40" w/o leaves, 80"x40" w/leaves, all pads incl., 6 chairs, china cabinet, and buffet, beautiful set w/lots of nostalgia, moving, must sell. Jim, Ext. 8370 or 473-6556.

HALL TREE - Ligth Oak Hall Tree, w/seat storage, mirror, arched top, can e-mail pict. 79"x30"x191/2", exc. cond. \$400. Michael, 804-7501.

KITCHEN SET - Pine, 84"x36" table, 8 chairs, gd. cond. John, Ext. 7939.

TABLE AND CHAIRS - Kitchen Table-Oak top 3'x 5' and four rattan Chairs. \$125.00 Call 3103 or 728-0992, Leo . Attilio, Ext. 3103.

TELEVISION ARMOIRE - Golden Pine TV Armoire, holds upto 36" TV, can e-mail

picts., 3 years old, mint condition. asking \$400. Michael, Ext. 3255.

WALL MIRROR - contemporary, frameless heavy plate-glass, beveled edge w/ sunburst top, 31.5" w x 49.5" h, \$75/obo. Bill, 395-9610.

WINDOW AIR CONDITIONER - Large. Old. Works well. \$20. 821-1435.

Audio, Video & Computers

DURABRAND IN DASH CAR STEREO - CD/MP3/CDRRW playback w/MP3 display, 45Wx4, slide down/detachable panel w/remote, barely used \$100. Laura, Ext. 7842 or 631-434-5824.

DVD/CD WRITER - Pioneer DVR-710 16x, in box, cost \$50, ask \$15. Dimitri, Ext. 5096.

PIONEER CAR STEREO - 50W/channel, C D R R W / M P 3 / W M A playback, satellite/ipod compat, blue OEL display/screensaver, like new \$160. Laura, Ext. 7842 or 631-434-5824.

TV - 36" RCA Color Track television, three years old. Asking \$200.00. Michael, Ext. 3255.

Sports, Hobbies & Pets

20" GIRL'S BIKE - BMX 20" girl's bike for sale. Very good condition. \$20. 603 7107.

bicycle - 26" model, auto shift, 6 spd. tran., purple, hardly ridden, \$100. Kenneth, Ext. 8463 or 878-7655.

BICYCLE - Land Rider, men's, auto shift, like new, orig. \$400, ask. \$150. 725-4068.

BIKES - 2, children's BMX reg., & 6/spd, gd. cond., will deliver @lab, \$25/ea. Helen, Ext. 2531 or 875-9493.

CAT, BEAUTIFUL AND HEALTHY - needs a home, kid off to college, parents travel, indoor, declawed, lovely; self-cleaning litter box . Vasilis, Ext. 2830 or 344-2830.

FOOSBALL TABLE - Harvard, like new, walnut wood finish, \$100. Ext. 5467.

GOLF CLUBS - numerous sets w/bags, call for details. Chris, Ext. 2094.

PSE BOW - compound, 45-60 bl w/let off 65% & easton arrows, \$150. 474-3535.

TICKETS - Ducks vs. Camden, Sat., 8/25 @ 7:05 p.m., fireworks to follow game, 8 tickets @ \$10.00 ea. Donna, Ext. 2716 or 878-2425.

TICKETS - MEAT LOAF - Madison Square Garden, Fri July 20th 8:00pm, 2 tickets sect 202 row R seats 9-10, \$180pr/best offer. 516-527-4902.

Tools, House & Garden

SEARS 30 - 8HP Eng. 3 spd. Golf Cart type, w/acc. Needs tire. \$100/OBO. Frank, Ext. 5687 or 6312770464.

TABLE SCROLL SAW - delta, great for intricate wood work, \$50. Chris, Ext. 2094.

Miscellaneous

2 CHILD SAFETY SEATS - Cosco and Century, child up to 80 lbs, clean, \$15 ea. Kelly, Ext. 4901.

TICKETS - 4 Donna Summer tickets at Foxwoods on Sat eve. 7/21, \$57.50ea. Beth, Ext. 4144.

WEDDING DRESS - "White One" (W1) brand, cathedral train, off-white, size 10, \$250 obo. . Ext. 3621.

WHIRLPOOL WASHER/DRYER - White, Electric washer/dryer in good condition \$75 ea. Beth, Ext. 4144.

Free

EXECUTIVE DESK - 59"W X 29"H X 29"H.

2 pencil and 2 file drawers. v.g. condition. Photo. Jim, 631-473-6556.

Wanted

SCUBA EQUIPMENT - BCD, lg. wet suit, ect.; junk cars and truck removed, free. Richard, 589-9103.

SUMMER WORK - Need help? 15yr old male looking for summer work in the Shirley or Lab vicinity. Brandon, Ext. 7465 or 399-3098.

Lost & Found

LOST ON-SITE - Red stone clip earring. Lost July 3rd. Sentimental value. Please call. Ext. 2260.

For Rent

ANTIGUA - Timeshare week 11/24-12/1, ground floor studio w/ patio leading directly to pool, beachfront view, www.antiguavillage.net. \$900/wk./neg. Michael, Ext. 2550 or 744-7360.

EAST MORICHES - Large 1 bdrm. apt. w/waterview, LR, EIK, D/W, microwave, W/D, CAC, full bath, wic, pvt. deck, heat inc., N/S, no pets. References, 1 mo. security \$1,175/mo. Kenneth, 874-0148.

FARMINGVILLE - Large bdrm in house, share bath w/1, full kitch, elec incl., wifi, avail 8/1. \$575/mo. Ben, Ext. 5879.

LAS VEGAS, NV - Timeshare condo, one bdrm, Max 4/Pri 2, one week, 11/2-11/9 \$300/wk. , Ext. 2736.

MASTIC BEACH - 3 bdrm., kit., l/r, priv. yd., all new appl., no smkg/dogs. \$1,500/mo. 474-3535.

MASTIC BEACH - large bsmt. apt. w/ pvt. ent., bdrm. kitch. & bath fully furn., microwave, utilities+internet+tv incl., 8 mi. from lab, 1 mo. sec. \$800/mo. Ext. 8255.

MT SINAI - Excel. 2 bdrm, eat-in kitch, l/r, central a/c, full bath. Approx 900 sq. ft. All utilities incl. except telephone. No smoking or pets please. \$1,500/mo. Ed, 631-474-1205.

NEWPORT RICHEY, FL - 2bdrm 2 bath golf front villa 2 golf courses 2 pools and tennis. available Dec-March 2 month min, dicount for taking all 4 months \$1,400/ mo. Ralph, Ext. 2539 or 1-631-806-2098.

PORT JEFFERSON STATION - lrg studio, A/C, incl. heat, electr, cable, 10 miles from lab. \$750/mo. Sucheta, 463-8388.

RIDGE - my landlord soon to rent house.5 min from lab.large yard&patio.util incl. a/c, EIK, LivRm, Loft.more info avail upon request.51 medford rd, off of Rt25 \$1,500/mo./neg. William, Ext. 7139.

ROCKY POINT - 1 bdrm. furnished or unfurnished apt, patio,two large closets, bright, quiet,15 min. to Lab, Gas and water are included. \$1,000/mo. Mrs. Wang, 593-4561.

ROCKY POINT - 1-bdrm. apt., kit., l/r, bath, pvt. driveway/ent., no smkg/pets, 1 mo. sec., utilities not incl. \$850/mo. Ron or Kim, 821-3287.

SHIRLEY - 2 bdrm furnished apt, 2 miles from lab, heat, water, electricity, cable, internet included. No pets. Ideal for students/postdocs/visitors. \$1,000/mo. Tom, Ext. 7448.

SHOREHAM - One partial furniture bedroom, Share a house with professional. 7 miles from Brookhaven National Laboratory, internet & tv incl., no smkg/pets, sin \$600/mo./neg. Ext. 3785 or 7443543.

SHOREHAM - Large furn apt. 1 bdrm, l/r, d/r, full kitch&bath, a/c, util. incl. no smkg/pets, pvt.ent/drwy. single or couple only. 1 mth sec. 5min to lab. \$1,000/mo. Ext. 5263 or 631-375-7959.

SOUND BEACH - 3-bdrm, 1-1/2-bath single family house in MPSPD, updated EIK, L/R, w/d, dw, fenced yard, attic storage, recent paint, no smoking/cats, plus utilities \$1,600/mo. 744-8673.

For Sale

BLUEPOINT - colonial, 5 bdrm. or mother/daughter, 2 bath, l/r, eik, 5 bsmt. crawl space, porch, 1.5 car gar., fin. yd., low taxes \$499,000 Ext. 5025 or 286-1540.

FARMINGVILLE - custom ranch, 2500 sf, 3 br, 2 bth, eik, l/r, d/r, den, wood floors, 2.5 cg, igs, igp, alarm, many upgrades, dead end st, reduced \$519,900/neg. Carol, 516-906-3348.

MEDFORD - updated 3 bdrm. Condo, Blue Ridge Development, more details, www.forsalebyowner.com/20793141 \$315,000 Eileen, Ext. 3995 or 696-4366.

PATCHOGUE VLG. - updated Victorian, 4 bdrm. eik, d/r, 1.5 bath, 2 car gar., all hw. flrs., fp, pocket drs., dead end, 73 Rose. \$399,000 758-0557 ext.20.