



August 4, 2006

BNL's Wynne Schiffer Honored With Presidential Early Career Award

Wynne Schiffer, an assistant scientist in the Medical Department, was among 56 researchers honored in Washington, DC, on July 26 as recipients of the 2005 Presi- u dential Early Career Award for Scientists & Engineers.

Nine federal departments and agencies support the 56 honorees, and DOE's Office of $\frac{1}{2g}$ Science and the National Nuclear Security Administration fund seven of the award recipients. The Presidential Award is the highest honor bestowed by the U.S. government on outstanding scientists and engineers who are beginning their independent careers. Each award winner received a citation, a plaque and a commitment for continued funding of their work from their agency for five years.

"All of us here at the Energy Department are very pleased that these individuals are being recognized by the President for the intellectual rigor, relevance and high technical standards of their work," Secretary of Energy Samuel Bodman said. "We are proud to honor these seven awardees as a means of encouraging promising young scientists and engineers to pursue work in areas of importance to the Department of Energy's energy research and national security missions."

Wynne Schiffer was recognized for her pioneering work in integrating neurobiology, chemistry, physics, and instrumentation in human health, and for providing educational outreach on brain imaging and



Secretary of Energy Samuel Bodman (left) and Under Secretary for Science Raymond Orbach congratulate BNL's Wynne Schiffer.

drug abuse to educators and the public.

"Receiving this award would not have been possible without the help of all my colleagues at BNL, including chemists, biologists, physicists - everyone involved with the imaging group," Schiffer said.

With an interdisciplinary team, Schiffer aids in the development and application of novel imaging technologies that can be used to provide insights into complex biological systems. Her work has led to several important discoveries.

For example, Schiffer pioneered an effort to label nanoparticles - particles measuring one-billionth of a meter or less - with positron-emitting radioactive isotopes, which are used as probes in imaging technologies like positron emission tomography (PET), a medical imaging method developed by DOE-funded researchers almost three decades ago. In Schiffer's research, the isotope attached to nanoparticles emits energy that is recorded by detectors in the PET camera, which signals the location and concentration of particles to a computer. The computer can then translate the data into an image of labeled nanoparticles in real time and space in a living organism.

Schiffer found that particles under four nanometers can penetrate the brain, while larger particles go to other parts of the body, just by virtue of their size. She found that adding a surfactant coating also enables the particles to travel to the brain. With this data, Schiffer and colleagues have generated a new family of imaging probes for use with PET. (continued on page 2)

"The work . . . will allow new insights into not only addiction but cognition and the control of emotions as well. This represents a major step forward in the study of illnesses like depression and schizophrenia."

- Fritz Henn, Associate Laboratory Director for Life Sciences

DOE ESH Deputy Assistant Secretary Patrice Bubar Visits Brookhaven

Datrice Bubar, DOE's Deputy Assistant Secretary for Environment, Safety & Health, visited BNL last week, July 24-25, for an overview of how a DOE Office of Science Lab performs science and to observe how environment, safety, health and quality (ESH&Q) requirements are implemented at BNL.

Bubar was first welcomed and held initial discussions with Interim BNL Director Samuel Aronson, DOE's Brookhaven Site Office (BHSO) Deputy Manager Frank Crescenzo and BHSO's Robert Desmarais, Deputy BNL Director for Operations Michael Bebon, and Quality Office Program Manager Roy Lebel. Bubar then toured the Lab for an introduction to some research highlights. At each stop, she talked with scientists and safety administrators on the ongoing research at BNL and how EHS&Q requirements are incorporated into it.



Patrice Bubar (center), DOE Environment, Safety & Health Deputy Assistant Secretary, pauses during a tour of BNL's NASA Space Radiation Laboratory (NSRL) to discuss with Derek Lowenstein (right), Collider-Accelerator (C-A) Department Chair, and Edward Lessard (left), C-A Associate Department Chair for Environment, Safety, Security, Health & Quality, how excellence in environment, safety and health is an integral part of NSRL operations.

During her visit, the Assistant Secretary met with the BNL Director's Committee on Safety and held discussions with line organization managers about the Lab's environmental management system and the procurement and subcontractor safety program. She also joined in an ESH&Q forum, as well as environmental management discussions. A high point of the visit was a talk Bubar gave entitled "The DOE ESH Directorate — An update on initiatives and reorganization plans."

Bubar learned about research that included laser spectroscopy and its applications to combustion chemistry in the Chemistry Department; the Positron Emission Tomography program at the Center for Translational Neuroimaging; cutting-edge science conducted at the National Synchrotron Light Source (NSLS) and planned for the proposed NSLS-II; as well as forefront basic energy science at the molecular beam epitaxy facility. Other hot topics discussed with Bubar were the extraordinary experiments that will be possible at the Lab's Center for Functional Nanomaterials, now under construction, the investigation of cosmic ray effects on human cells at the NASA Space Radiation Laboratory, and the fundamental science ongoing in the Physics and Biology Departments.

Upon leaving BNL, Bubar, whose prior experience in DOE was at environmental restoration sites, indicated that the visit had been enlightening and informative, and had given her important insights into the workings and culture of a national laboratory with a science mission. — Liz Seubert

Lab, IBEW Reach Contract Agreement

The Lab and its largest union, the International Brotherhood of Electrical Workers (IBEW) have reached agreement on a new contract. The three-year deal, approved by agreed to significant work rules union workers on Monday evening, includes pay increases of 3.5 percent, 3 percent, and 3 percent, per year, respectively. Under the agreement, incumbent IBEW members with the CIGNA-PPO plan will move to the CIGNA OpenAccess Plus plan for medical coverage. Those with the Vytra-HMO will join the Vytra-PPO. The changes for incumbent employees will take effect on January 1, 2007, which coincides with the start of the new plan year. The Lab will realize significant savings as a result of this move. The contribution structures, co-pays, and deductibles remain the same as the current plan for incumbent IBEW members. By way of example, incumbent IBEW members will continue to contribute 4 percent of their base pay for family medical coverage. Any IBEW members hired subsequent to August 1, 2006,

will be offered the same medical plans with the same co-pays and deductibles as non-bargaining unit employees.

The Lab and the Union changes that should result in increased efficiencies. The union also adopted the Lab's vacation-buy plan.

approaches to some of the issues we faced."

Said Joe Buscemi, President and Business Manager of IBEW Local 2230, "This is a fair contract that recognizes the key role IBEW workers play at BNL. During these negotiations, we were able to discuss issues openly and come to a reasonable agreement that benefits all parties. I would like to thank the Union's negotiating committee: International Representative Dominick Macchia, Philip Pizzo, Carl Mckeever, Anthony Boggi, Frank Raynor, Victor Cassella, Joseph Tullo, James Cassidy, Robert Geib and John Berry, who represented all of the members of Local 2230 in these deliberations." This is the second union contract agreement reached this year. The Suffolk County Security Police Association, which represents BNL's protective security force, agreed to a

49-month contract in March of 2006 that included annual

increases of 3.25 percent, 3.25

percent, 3 percent, and 3 per-

cent, respectively.

"I think that the Laboratory and the Union have the kind of relationship that enables us to identify our mutual interests and then to seek solutions to any issues in a very open, above board manner -- neither side goes into negotiations with a hidden agenda nor do we approach negotiations as adversaries," said Bill Hempfling, Director, Human Resources & Occupational Medicine Division. "I'd be remiss if I didn't express my gratitude to the Laboratory's negotiating committee: Donna Dowling, Mike Goldman, Andy McNerney, Ed Murphy, Tom Lambertson, Leo Somma, and Dave Dale. They worked hard, as did the Union's committee, over the last two months to look for innovative

Prospects of QCD at High Energies

A workshop on "Future Prospects in QCD at High Energies" was held at BNL on July 17-22. Attendees reviewed the dramatic progress in the understanding of quantum chromodynamics (QCD) that has occurred recently and discussed requirements for next-generation experimental facilities in QCD at high energies.

QCD is the fundamental theory of the interactions of the strong force, which holds together the quarks and gluons that make up the particles known as hadrons. QCD attempts to explain much of the observable matter in the universe. In the past decade, great progress has been made in understanding the hadron structure in the framework of QCD at high energies and extrapolations of its properties to extreme temperatures and densities. These studies have been greatly aided by increasingly sophisticated QCD calculations. (continued on page 3)



Roger Stoutenburgh D5880706

The Bulletin

CALENDAR OF LABORATORY EVENTS

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

– EACH WEEK –

Weekdays: Free English for Speakers Of Other Languages Classes

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

Mondays: CIGNA Rep On Site

10 a.m.-3 p.m. CIGNA's Janice Petgrave is in Bldg. 185, to assist CIG-NA medical plan participants with claims issues. Call Linda Rundlett, Ext. 5126, for 30-min. appointment.

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 & Thursdays: Kickboxing

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

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

Noon-1 p.m., Brookhaven Center North Rm. Adam Rusek, Ext. 5830, rusek@bnl.gov.

Tues., Thurs. & Fri: Ving Tsun Kung Fu

Noon-1 p.m., Brookhaven Center, North Room. Taught by Master William Mov. Tuition. Scott Bradley, Ext. 5745 or bradley@bnl.gov.

Tue., Thu, & Fri: Upton Nurserv School

On Summer Recess. Call Ext. 5090 for information on Sept. enrollment.

Tuesdays: Welcome Coffee

10 a.m-noon, apartment area gazebo. First Tuesday of every month is special for Lab newcomers and leaving guests. Lisa Yang, 979-3937.

Tuesdays: BNL Music Club

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

Tuesdays: Jiu Jitsu Club

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

Tuesdays: Toastmasters

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

Tues., Wed. & Thurs: Rec Hall Activities

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

Wednesdays: On-Site Play Group

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

Wednesdays: Market Day

11:30 a.m.-1:30 p.m., Berkner Hall parking lot. Fresh vegetables, plants, arts & crafts, and more. Joanne Rula, Ext. 8481.

Students Explored Safety of Space Travel at BNL's NSRL



Pictured in front of the NASA Space Radiation Laboratory at BNL are: (from left) Tomoyuki Mashimo; Burong Hu; Benjamin Blyth; Jaroslaw Dziegielewski; Mary Van Baalen (Mentor, NASA); Veronica Zaconte; Sara Zwart (Mentor, NASA); Brooke Anderson; Marcelo Vazquez of BNL, Co-Director of NASA Summer Student Program; Mitsuko "Lynn" Yamamoto; Jennifer Anderson; Diana Pignalosa; Alex Redd; Alena Mozhaeva; Peter Grabham; Courtney Harrision; Richard Hatcher; Rachel Casey; and Gregory Nelson of Loma Linda University, Co-Director of NASA Summer Student Program.

tudents and scientists from Baltimore to Bedford Park, Austra-Iia, participated this year in the third annual NASA Summer Student Program at BNL. Working in the Lab's Medical Department and the NASA Space Radiation Laboratory (NSRL) - a unique facility that simulates the harsh radiation environment of outer space — the group studied the possible risks astronauts may face during future long-term space flights.

With potential missions to Mars, exploration of near-Earth asteroids, and long-term moon missions, astronauts are expected to spend more and more time in deep space travel. Yet the risks associated with this travel are not fully understood. It is vitally important to learn how human space travelers will be affected by the harsh environment of space and how best to protect people in space from harm.

This scientific challenge was examined by the group of 15 graduate students, postdoctoral fellows, and working scientists participating in the program. Sponsored by NASA and organized and managed by Brookhaven Lab, Loma Linda University Medical Center, and Universities Space Research Association, a consortium of universities, research organizations, and governmental groups involved in space research, the program is designed to provide a "pipeline" of researchers for the nascent field of space radiobiology. This summer's intensive three-week residential program was held in June.

"It is critical that we uncover the risks of radiation to space travelers and develop countermeasures that allow the safe, long-term presence of human beings in deep space," explained Marcelo Vazquez, a medical scientist at BNL who co-directs the NASA Summer Student Program with Gregory Nelson of Loma Linda University. "By hosting this program we ensure the development of scientists who are dedicated to this field and are best able to find answers to these difficult questions."

Studies at NSRL focus on how this radiation can damage the central nervous system and other bodily systems, as well as how the intense rays may promote the development of cancer. NSRL researchers are also looking at ways to protect against these dangers through shielding and other strategies to minimize the risk to space travelers. "Our students this year came from diverse educational back-

Schiffer Receives Presidential Award (cont'd)

In another project, Schiffer used a new PET machine designed for animals to show that a common model of drugseeking, known as conditioned place preference, produces an identical pattern of brain activation in animals as that observed in human addicts expecting a psychostimulant. Using PET, Schiffer looked at brain activity in animals as they were exposed to environmental cues previously linked to methamphetamine. Schiffer showed that the brain areas that were activated by the methamphetamine-associated cues were identical to the brain areas activated when drug-dependent humans were expecting a psychostimulant treatment. These studies were the first to use new technologies developed by DOE labs to show that animal models not only mimic human drug-taking behavior, but they also activate the same brain regions associated with human addiction. These results contribute to a large body of work at BNL aimed at finding a treatment for drug abuse and addiction. Said Fritz Henn, Associate Laboratory Director for Life Sciences, "The work which allows

us to image behaving animals will allow new insights into not only addiction but cognition and the control of emotions as well. This represents a major step forward in the study of illnesses like depression and

Schiffer also volunteers her time to address community groups about the important role of nuclear medicine in diagnosing and treating diseases such as mental illness and drug abuse. She has given talks on brain imaging and drug abuse to audiences at Long Island schools, universities, rehabilitation groups, police departments, hospitals, government agencies, and community organizations. Born and raised in Kaycee, Wyoming, Schiffer earned a B.A. in psychology from Colorado College in 1996, and her M.S. and Ph.D., both in neurobiology and behavior, from Stony Brook University, in 2002 and 2004, respectively. She conducted postdoctoral research at the National Institutes of Health and BNL before joining the Lab staff as an assistant scientist in BNL's Center for Translational Neuromaging in 2005. Diane Greenberg

grounds and from all over the world," said Vazquez. "Each year we hope and expect that many completing this program will go on to conduct additional experiments at NSRL." Vazquez serves as BNL's experimental liaison in the Medical Department for the NSRL research program and is also the National Space Biomedical Research Institute/NASA Space Radiation Liaison.

The annual summer program brings together biological and physical scientists to work jointly on leading problems in space radiobiology. Students participate in both classroom activities and scientific experiments, working side-by-side with top space scientists from research organizations such as NASA, BNL, Loma Linda University, Columbia University, University of Pennsylvania, Tufts University, and University of California, San Francisco. Experimental creativity and interdisciplinary approaches are emphasized.

"We continuously seek emerging scientists who will be able to learn and apply the techniques necessary in the complex field of space radiation," said Vazquez. "We have high hopes that each of our students will go on to make a big impact in this growing field."

NSRL is a \$34-million facility that was built by the staff of Brookhaven Lab with funding from NASA with the cooperation of the Office of Nuclear Physics within DOE's Office of Science. Operational since 2003, NSRL is one of the few places in the world that can simulate the harsh cosmic and solar radiation found in space. The facility is part of Brookhaven's Collider-Accelerator complex, which is maintained by the DOE Office of Science's nuclear physics program and receives incremental operations and maintenance funding from NASA. It employs beams of heavy ions extracted from BNL's Booster accelerator that are the best in the U.S. for studying the effects of radiation on living organisms. Scientists from more than 20 research institutions from throughout the U.S. and abroad work year-round at NSRL, supported mainly by NASA funding, to learn about the possible risks to space explorers exposed to deep-space radiation. - Karen McNulty Walsh

For information on NASA Summer Student Program sponsors, visit www.nasa.gov (NASA), www.usra.edu (Universities Space Research Association), and www.llu.edu (Loma Linda University Medical Center).

Interested in the Environmental Master's Degree?

Stony Brook University and BNL plan to continue the on-site Master's Degree program in Environmental & Waste Management. A new group will be formed to go through the program together, taking one or two courses per semester. Classes would meet at 5:30 p.m. at the Lab. If you are interested or have questions, contact Ed Kaplan, Ext. 2007; or Sheldon Reaven, 632-8765.

One-on-One Retirement Counseling

schizophrenia."

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 Bernholc, Ext. 2027.

Fridays: Family Swim Night

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

Fridays: BNL Social & Cultural Club

Noon-1 p.m., Brookhaven Center, South Room, free beginners dance lessons. Rudy Alforque, Ext. 4733, alforque@bnĺ.gov.

A TIAA-CREF consultant will visit BNL on Monday, August 7; Wednesday, August 16; and Thursday, August 17; to answer employees' questions about financial matters.

The consultant will help BNLers to understand the importance of protecting assets against inflation, find the right allocation mix, learn about TIAA-CREF retirement income flexibility, and compare lifetime income vs. cash withdrawal options.

Tor an appointment, call Arlene Lyons, (866) 842-2053, Ext. 4629. (Not the on-site Ext. 4629.)

New Support Group for Families of Armed Forces

A significant portion of the Lab employee population may be impacted by having a loved one serving in the Armed Forces in the Middle East. The BNL Employee Assistance Program (EAP) is considering starting a support group for employees who have a family member (spouse, child, sibling, etc.) who is serving in Iraq or Afghanistan. The support group would probably start in September. If anyone is interested in such a group, then e-mail EAP Manager Nancy Losinno, nlosinno@bnl.gov, by August 15.

CIGNA Representative On Site, Mondays

Each Monday, Janice Petgrave of CIGNA Healthcare will be available in Human Resources, Bldg. 185, to assist CIGNA medical plan participants with claims issues, 10 a.m.-3 p.m. Be sure to bring all pertinent documentation. For a 30-minute appointment, call Linda Rundlett, Ext. 5126.

BNL Wins DOE Award for Electronics Recycling

Mike Bebon, Deputy Director for Operations, presents Donna King, Property Manager, Procurement & Property Management Division, with a DOE award recognizing BNL's participation in the Federal Electronics Reuse & Recycling Challenge. In leading the East Region for federal facilities by recycling more than 69,000 pounds of computers and equipment, BNL contributed significantly to DOE's success in winning the federal challenge. Gathered at the presentation photographed below are some of the BNLers who participated in the Lab's effort during the recycling challenge: (from left) William (Bill) McPherson, Jerry Quigley, Mitch Perrier, John Blydenburgh, Mary-Faith Healey, Donna King, Keith Klaus, Michael Bebon, George Goode, and Charlie Wilkins. Not present are: Rosalie Alongi, Pauline Gagnon, and Carl McKeever.



Attn. Parents of 3- and 4-Year Olds: On-Site Nursery School Enrollment Under Way

Enroll your child now in the Upton Nursery School, a non for profit, cooperative pre-school that meets at the Recreation Building in the apartment area and provides a warm, caring, and stimulating environment for 3- and 4-year-old children. The school offers certified and caring teachers, social and language development, academic readiness for kindergarten, and a multicultural student body. Classes are forming now for the fall 2006-2007 school year. To register your child or for more information, contact Katalin Petreczky, 821-4131, julika@optonline.net, or visit www.bnl.gov/ nurseryschool.

Free Science Camp for BNLers' 4-6th Graders

All BNL employees are invited to register their 4th, 5th, and 6th grade children in BNL's Summer Science Explorations Program, which is a free offering from the Lab's Science Learning Center. The summer camps reserved for the BNL community will be held Tuesday through Thursday, August 15-17, 8:30 to 11:30 a.m. The three-day program will give the students a hands-on environmental field experience, an engineering day, and a day devoted to the solar system.

Register your child or grandchild by contacting the Science Learning Center Program Office, Ext. 4495. Children must attend all three days, and the parents of participating children are also welcome to attend.

Vehicle Auction, 8/7-14

The Government Services Administration will offer 19 motor vehicles, located at Warehouse T-87, for public auction from Monday through Monday, August 7 through 14, during which time anyone may bid on the vehicles. Photos of each vehicle, with pertinent information, are available at www.gsaauctions.gov. To inspect the vehicles, call Jerry Quigley, Ext. 4527. For more information, contact Rosalie Alongi, Ext. 5138, ralongi@bnl.gov.

School Supply Drive

BNL is sponsoring a school supply drive to help needy children of Brookhaven Town. To contribute, drop off new school supplies or a monetary donation at the Quality of Life/BERA/Recreation Office in Building 179B. For more information, call Christine Carter, Ext. 5090.

Beware of Lyme Disease-Carrying Ticks

Lyme disease is caused by a spirochete that lives in deer ticks. When a deer tick bites a human, the spirochete can be transferred to the person, resulting in Lyme disease. Ehrlichiosis and Babesiosis are two other less serious diseases carried by ticks in this area.

At this time of year, the nymphal stages of ticks are most prominent. The size of nymphal ticks is about the size of the period in this sentence.

To avoid ticks, stay on paved surfaces, bare soil and sand, or wellmown grass. Wear long pants and tucked-in socks when entering tick areas such as woods or high grass. Carefully check your entire body after exposure. Ticks can walk from your ankles to your shoulders in less than an hour.

If you find a tick walking on you, remove it and place it into a plastic bag for future examination. If it is attached, and the Occupational Medical Clinic (OMC) is open, go to OMC, Bldg. 490, for removal. Otherwise, use tweezers to remove the tick, grasping it as close to the skin as possible, or use a credit card and scrape the tick off the skin. Do not squeeze the body of the tick. Prompt, immediate removal lessens the chance of infection. Again, if possible, keep the tick for future examination.

Contact the Safety & Health Services Division, Ext. 3066, for identification of a tick. If a rash results from a tick bite or you experience flu-like symptoms, go to OMC or see your doctor.

(cont'd)



CALENDAR — WEEK OF 8/7 -

Thursday, 8/10

CAC Meeting

Defensive Driving, 8/12

Seating is limited to 40 people

and pre-registration is required

for the next six-hour Defensive

Driving (Point & Insurance Re-

duction) course, to be held on

Saturday, August 12, in Room

B, Berkner Hall, from 9 a.m.

to 3:30 p.m. Organized by the

ESH&Q Directorate, sponsored

by USA Training Inc. and de-

livered by EAS Associates, the course is open to BNL, BSA, and

DOE employees, facility-users,

and their families. The cost is

\$30 per person. To register, call

Edward Sierra at 821-1013 and leave a voicemail with your

telephone number. For further

information, call Sarah Wiley,

Arrivals & Departures – Arrivals – Danielle GoldenEmg. Svcs.

Anthony HarkinsStaff Svcs.

Timothy Kelly.....Emg. Svcs. Joseph Terranova..... Emg. Svcs.

- Departures -

Henner Buesching Physics

Yuguang Cai.....CMP&MSD

Victor Cassella..... Plant Engr.

Christopher Congemi SSD

Lisa Congemi.....SSD

Francisco Gaetan Plant Eng.

Onarae Rice Medical

Brianne Roach Medical

Danielle Williams Medical

Ext. 4207.

6:30 p.m., Berkner Hall, Room B. The Community Advisory Council (CAC) includes business, civic, education, employee, environment, & health organizations. Members set their own agenda, and work to reach consensus recommendations on issues of concern to them. The CAC meets on the 2nd Thursday of each month. BNLers and members of the public are welcome to attend. Each meeting has a comment period during which community members may voice opinions and concerns. Contact: Sherry Johnson, Ext. 5658.

Friday, 8/11

Science Learning Center Open

Noon-1:30 p.m. Explore interactive exhibits at BNL's Science Leaning Center, Bldg. 935. Children under 14 must be accompanied by an adult.

- WEEK OF 8/14 -

Wednesday, 8/16

Talk on Estate Planning

Noon-1 p.m. Berkner Hall, Room B. Nancy Burner to give Elder Law lecture on "Estate Planning With Retirement Funds: What You Need to Know." All are welcome. Contact Michael Thorn, Ext. 8612 or mthorn@bnl.gov.

— Week of 8/21 —

Friday, 8/25

Science Learning Center Open

Noon-1:30 p.m. Explore interactive exhibits at BNL's Science Leaning Center, Bldg. 935. Children under 14 must be accompanied by an adult.

- WEEK OF 9/4 -

Monday, 9/4

Labor Day Holiday. Lab Closed. No Bulletin this week.

Tuesday, 9/5

Coach Trip to U.S. Tennis Open

8:30 a.m. Leave BNL for the National Tennis Center. \$66 covers coach fare, \$46 ticket for day session. Buy tickets at BERA Store, Berkner Hall.

Saturday, 9/9

West Point Army Football Trip

BERA trip. \$25 includes coach and ticket to game vs. Kent State. Time to be announced.

> • WEEK OF 9/11 — Monday, 9/11

Pegram Lecture - First of Two

4 p.m. Berkner Hall. Neal Lane of Rice University will give the first of two Pegram Lectures, on "Confessions of a President's Science Advisor." All are welcome to attend this free lecture, which is sponsored by BSA and open to the public.

Workshop on Future Prospects In QCD at High Energies

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The workshop was attended by more than 150 participants from the United States, South America, Europe, and Eastern Asia. It was organized by Abhay Deshpande, Stony Brook University (SBU) and the RIKEN BNL Research Center (RBRC); Rolf Ent, Thomas Jefferson National Accelerator Facility (JLab); John Harris, Yale University; Barbara Jacak, SBU; Lia Merminga, JLab; Richard Milner, Massachusetts Institute of Technology and Bates Laboratory; Thomas Roser, BNL; Marc Vanderhaegen, College of William & Mary and JLab; Raju Venugopalan, BNL; and Werner Vogelsang, BNL. This was the third in the series of electron ion collider workshops, with significantly

expanded scope to include broader aspects of QCD at high temperature and density.

Talks at the plenary session on the first two days focused on the limits of knowledge of accelerator technology, and discussions were held on the issues of research and development necessary to overcome today's limitations to go further in the next decade.

In the afternoon parallel sessions, accelerator physicists discussed the details of various future collider options being considered. These included the luminosity enhancement of the existing RHIC collider, often called RHIC II; eRHIC, a facility that would result from the addition of an electron beam facility to collide with the existing RHIC ring, allowing an unprecedented study of nucleon spin and also the deep structure of nuclei; and last, but not least, the Electron Light Ion Collider, a proposed green field deep inelastic scattering collider facility at JLab in Newport News, VA, primarily focused on the study of nucleon spin.

The morning plenary session topics on the last four days encompassed the limits of current understanding of QCD. In the afternoon, physicists considered the knowledge the above future upgrades would facilitate. Frequent and lively discussions were commonplace during the week at BNL, not only in the meeting rooms but also in the corridors — a recognized mark of enthusiastic participants and a successful workshop.

Many smaller subgroup meetings on specialized topics that were conceived during this workshop are being organized to prepare the U.S. nuclear physics community for the Long Range Planning (LRP) process review conducted by the Nuclear Science Advisory Committee. The next of these reviews is expected to start in January 2007. The discussions and conclusions of the recent workshop at BNL will feed in to this LRP process and will help decide the ultimate direction U.S. nuclear physics takes in the next decade. Liz Seubert

Visitors of 16 and over must carry a photo ID.

Tuesday, 9/12

Pegram Lecture - Second of Two

4 p.m. Berkner Hall. Neal Lane of Rice University will give the second of two Pegram Lectures, on "The End of an Era — Science in a 'Flat World.'" All are welcome to attend this free lecture, which is sponsored by BSA and open to the public. Visitors 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 Lab employees.

JH3950. BUSINESS OPERATIONS MAN-AGER 3 (A-9) - Requires a bachelor's degree in a business discipline or equivalent, MBA strongly preferred, plus ten years of relevant experience. Must be proficient in financial analysis and forecasting, possess strong people skills and excellent oral and written communication abilities. A good understanding of BNL policies and procedures as well as a working knowledge of BNL's PeopleSoft Financial and Labor Cost Distribution systems is required. Must have significant experience in the use of MS Excel and the manipulation of PeopleSoft financial data in order to develop both routine and ad hoc financial analyses. As the position is intended to direct the work of others in the future, candidates should have experience working in a supervisory capacity. Successful candidate should also have the ability to work in a fast-paced project environment. Will report to the head of the National Synchrotron Light Source II (NSLS-II) Budget Group and will establish and maintain the budgeting system for the NSLS-II Project. Responsibilities will include initial account structure development, monthly budgeting and account maintenance, oversight of the year end process, rate development, routine integration of cost data to the cost and schedule system, regular review of Project costs, commitments and accruals, and all NSLS-II labor forecasting and labor cost distribution functions. National Synchrotron Light Source-II.

OPEN RECRUITMENT – Opportunities for Lab employees and outside candidates.

NS4269. SR. TRAINING SPECIALIST (A-8) - Requires a bachelor's degree or equivalent, master's degree preferred in Human Resources, Organizational Development, or Instructional Technology and ten years' related experience that includes five years developing and delivering supervisory training programs and five years in a supervisory capacity. Requires excellent interpersonal, written, and verbal communication skills as well as facilitation and platform skills and knowledge of instructional design; including adult learning theory and interactive training designs. Strong computer skills (Word, Powerpoint, Excel, Photoshop, Frontpage) are required as is being a flexible and independent worker with high-energy, self motivation, enthusiasm and a service-oriented spirit. Responsibilities include delivering/facilitating supervisory training programs, and acting as expert resource for supervisors. Models leadership behaviors and provides departmental and individual consulting and coaching on supervisory and leadership related issues. Will oversee the staff development and performance appraisal programs and participate in succession planning and evaluation/feedback mech99 OLDSMOBILE BRAVADA - 6cyl., awd, c/c, a/c, all power. 90K mi. \$4,500/neg. 793-1405.

95 TOYOTA CAMRY LE - 4dr. sedan, a/t, a/ c, c/c, p/s, p/b, p/w, p/l, excel., orig. owner, garaged. 125K mi. \$3,650/neg. 766-7701. 95 FORD MUSTANG - low miles, V6, great cond. in/out, c/c, a/t, 17" chr. whls, dual exh, CAI, all pwr., Pioneer \$4,800/neg. 466-7203. 95 HONDA MAGNA 750 - mint, runs very

well, must sell, includes hyd. jack. 50K mi. \$3,500. Victor, Ext. 2271. 95 SUZUKI SIDEKICK - runs perfectly,

some rust. 100K mi. \$1,500/neg. Ext. 7502. 94 SAAB 900S - 4cyl, 2.3L, a/t, sun roof, new tire, needs front brakes. 154K mi. \$1,000/neg. Lim-Seok, Ext. 3720.

93 SUBARU LEGACY - needs tranny, good eng., new batt., new tires, good interior. 188K mi. \$300/neg. Richard, Ext. 7975.

93 TOYOTA TERCEL DX - 4dr., a/t, a/c, excel. cond, runs well. 108 mi. \$2,600/ neg. Das, Ext. 3114 or Ext. 1064.

92 SATURN SL - Iow miles, a/t, a/c, looks great. Barbara, 265-5691.

91 BUICK CENTURY - all pwr., a/c, new tires and cd player, runs well. 155K mi. \$1,250/neg. 929-5054.

87 LINCOLN TOWN CAR - 4 dr., 6cyl, new w/shld, gd bdy, tires & interior, runs well. \$900/neg. Mauro, Ext. 7405 or Ext. 1079. 93 KAWASKI ZX7 MOTORCYCLE - mint, \$2,000/neg.; '02 Yamaha Banshee, \$2,000/ neg., gt cond., both low mi. 286-3545.

ALLOY WHEELS - 16" set of 4, pic. avail. Yangsoo, Ext. 4375 or yangsoo@bnl.gov. MOTORCYCLE HELMET - Ig. Shoei RF800 'Ace' model, perfect paint & shield, extra mirrored shield incl. \$100 obo. Ext. 7451. SEATS - 2 black cloth seats for 1990 Mus-

tang GT, excel. cond., make offer. 220-1736.

Boats & Marine Supplies

15' BOMBARDIE SEADOO-CHALLENG-ER 1800 - on a trailer w/all attachments (water skies etc). \$2,500. Ext. 7502.

18' SEA RAY 2004 SPORT - see http://ti nyurl.com/zufnf for pics, details. \$14,500/ neg. Richard, Ext. 5317 or 765-8092.

19' CELEBRITY DAY SAILOR - all lines & rigging, 2 sets sails, boom cover, trailer. \$1,500/neg. Ext. 2815 or 874-0437.

20' BAYLINER CAPRI - '93, needs TLC, 4.3 liter, V-6 Mercruiser 1/0, full canvas, cuddy cabin, head, trlr., \$2,000/neg. 744-5851.

25' MORGAN M24 - 1968, slps 5, 1985 8hp Evinrude, 2 sets sails incl. launch from Okdale. \$3,500/neg. Peter, Ext. 5636.

25' TANZER SAILBOAT - comp., DF, new VHF, new GPS, Rf, & extra jib. \$9,000/ neg. Ext. 2815 or 874-0437.

SAILBOARD - Mistral Equipe w/2 complete rigs, 3 sails (5.3, 6.2 & a 6.8 camberinduced), like new, \$600. 744-5096.

Furnishings & Appliances

AIR CONDITIONER - through-the-wall/ window, 24K Btu, 220V, \$75. Chris, Ext. 2094 or 929-5008.

AIR CONDITIONERS - Kenmore 5,200 Btu, 10.8 EER, \$60; 8,000 Btu, 9.8 EER, \$90. Both w/th/stats & remotes. 917-865-9668. BUNK BED SET - incl. 2 beds, bureau, desk chair 2 cubbies 2 tw mattrasses

desk, chair, 2 cubbies, 2 tw. mattresses, 2 bunkie boards. \$300. 591-1265. CORNER CUPBOARD - pine wood \$350. 666-5387.

DESK - vanity, white, hand painted w/sm. green ivy. \$250, e-mail pics. avail. 924-7476.

DESKS - 2 oak wood fin. desks w/matching file cabnets, not used. Desks \$250 ea. File cabinet \$125 ea. 757-3952.

DINING ROOM SET - cheny wood, Queen Anne style, 6 chairs, 1 leaf. \$500. 666-5387. DINING SET - dark cherry, buffet, lighted hutch w/6 chairs, like new. \$490/neg. Ext. 7496 or 223-4774.

DINING TABLE - art deco, butterfly leaf, \$450, pic. avail. by e-mail. Joe, 924-7476. FURNITURE - beige leather sofa, loveseat

& chair, excel. cond. \$650. 286-3545. REFRIGERATOR - white Frigidaire, 18.2 cu.ft., \$175. Chris, Ext. 2094 or 929-5008. WINE REFRIGERATOR - Haier, 24 btl. TOWER SPEAKERS - pr JBL Northridge Series E90, 3-way, new cond., used for ~1 hr. \$300. Travis, Ext. 7451.

TV - 19 in. Panasonic, color, mint cond, \$50. Lillian, Ext. 8772.

Sports, Hobbies & Pets

CROSSBOW - by Weider, Bowflex knockoff extra power rods, great cond., get in shape for \$300. Mark, 902-8188.

DOG HOUSE - Dogloo extra-Ig. sized dog house, gd cond., nds cleaning, you pick up. \$25. Patricia, Ext. 4612 or 682-5358.

DUCK TICKETS - 8 tickets avail. for Thurs., 8/3, Lab seats. \$9 ea. 873-8959.

MINI BIKE - 50cc, pantera yellow, 1 yr. old, new \$600, sell for \$399. 821-8347.

SLR CAMERAS & LENSES - Canon EOS 10s body, \$75; Canon EF 35-135 1:4-5.6 AF lens, \$50; Monolta X700 body w/auto film dr. & 50mm lens, \$100; Sigma 28-200 f4.0 lens, \$50. Ext. 3505.

TRAMPOLINE - You take apart and pick up. \$10. Patricia, Ext. 4612 or 682-5358.

Tools, House & Garden

GRASS TRIMMER - Stihl FS45, 1 yr. old, used 6 times, \$110. Joe, 281-2767.

LAWN MOWER - 20" Murray model 204210X 105A, unused, 4.5hp, Briggs & Strtn eng., 2in-1 mulch/bag, \$75 obo. 475-5543.

RIDING MOWER - Craftsman, 10hp, 30 inch cut, runs, but needs tune up. \$200. John, Ext. 4028.

Miscellaneous

BASSINET - brand new, on wheels, assembled, \$30. Wayne, 513-8504. BASSINET - brand new, on wheels, assembled, \$30. Wayne, 513-8504. CAR SEAT - Britax Marathon, orig. \$250,

gd. cond., sell for \$30. 744-3569. DEPARTMENT 56 - McGuires Pub, cot-

tage, new w/box, orig. \$65, ask \$30. Cheryll, Ext. 2852.

HOSPITAL BED - single, semi-electric, side rails, mattress, used one month, new \$1,200, sell for \$600. Steve, Ext. 4925. JETS TICKETS - vs. Giants, 8/25, 8 p.m.,

4 tickets, \$65 ea; Jets vs. Eagles, 9/1, 7 p.m., 4 tickets, \$65 ea. Jim, 924-7374. SWINGSET - wooden, 3 position w/slide, tower, rope ladder, fireman's pole, monkey bars. \$50. Joanne, 422-5881.

TICKETS - 2 for Yankees game, 8/1, 7 p.m., Section 651, Row F. Paid \$42 ea., sell for \$20 ea. Andrea, Ext. 4656.

TICKETS - 2 NY Jets Vs NY Giants at Giants Stadium, mezzanne#206, row 8 Aug. 25, 8 p.m. \$240/both. Fred, Ext. 3498. WEDDING GOWN - beaded satin, Victor

rian style w/headpiece, white, size 4/6, b/o. Bill, 395-9610.

Free

BOX SPRINGS - 1 full size, 1 twin, 4 universal bed frames. 917-865-9668.

SOFA BED - 4 piece sofa, converts to bed, pic avail., you pick up. Yangsoo, Ext. 4375 or yangsoo@bnl.gov.

SWING SET - all wood, 2 swings, 1 set of rings, climbing platform, good cond., you pick up. Ext. 2024 or 395-6112.

For Rent

BAITING HOLLOW - furn. 1 bdrm. in pvt. beach community, dishes, pots, cable hook up, perfect for single or couple, no children. \$975/mo. Patricia, 727-0547.

BROOKHAVEN - 3 bdrm., 1-1/2 bath, kit. w/din area, l/r, laundry rm., partial bsmt. strge, water incl., oil contract/renters ins. & refs. req'd., \$1,450/mo. 654-2041.

CENTER MORICHES - 4-bdrm. wtr-frt. house, dock on creek, eik, d/r, w/d, f/p, 2 full bath, more \$2,150/mo. 261-7908. MASTIC - 1 bdrm, full bath, eik, den, own

dr/way, own entr., all incl, 15 min to Lab, no pets/smkg. \$900/mo. Joe Mondi, Ext. 3499.

MIDDLE ISLAND - 1 bdrm., I/r, d/r, kit., a/c, full bath, apt. in managed co-op w/ pool, tennis, 5 min. to Lab, no broker fee, avail. 9/1. \$900/mo. 379-4155.

PATCHOGUE - 2-brdm. house, utilities extra. \$1,500/mo. Betty, 475-1961. RONKONKOMA - Nob Hill, 2-bdrm. condo, //r, d/r, w/w, w/d, club w/gym, pool, tennis, no pets/smkg. \$1,350/mo. 878-6016.

Summer Sundays, Now Through 8/20

What can you do that's free, fun, and educational on a lazy summer Sunday? Visit BNL to enjoy a variety of entertaining activities for people of all ages. The science research laboratory that is home to six Nobel Prizes will feature interactive exhibits and an exciting, action-filled science show. Each week, tour a different facility at the Laboratory's 5,300-acre campus and learn about everything from DNA to the perfect liquid, a state of matter now thought to have existed at the beginning of the universe. Summer Sundays is offered from July 9 through August 20. No reservations are needed. Visitors may arrive any time between 10 a.m. and 3 p.m. All visitors age 16 and over must bring a photo ID. The "Whiz Bang Science Show" will be staged at 10:30 a.m., noon, 1:30 p.m. and 3 p.m. each Sunday, with a special exception: At 3 p.m. on August 6, a magician will show off some amazing science tricks. Visitors may test their mathematical skills at Nature's Numbers, a hands-on exhibit that features designs in nature and shows how they relate to math. Also, a historical exhibit on Camp Upton - the U.S. Army base that occupied the Laboratory site during World Wars I and II - will be on display.



Watch Us Go and Grow Safely, August 6

Meet the behind-the-scenes people who make the Laboratory work, from those who create building plans to those who operate large construction equipment, as well as security and emergency services workers who protect the Lab. Learn how the Lab operates with safety in mind and how to make safety part of your life. At 3 p.m., the science magician again shows the magic behind his tricks.

YAPHANK - 3-bdrm., cac, gar., fin. bsmt., near Southaven park, 5 min. to BNL, sec/ ref. req. \$1,800/mo. 878-2046, eves..

YAPHANK - Col. Woods, share 2-bdrm. condo, rec. renov., 5 miles to BNL, female pref. \$650/mo. Marie, 516-810-0196.

YAPHANK - studio, quiet n'hood, single person, 4 mi. to BNL, no pets/smkg., deposit & 1st mo. - 5 m coop, 2 bdrm, 1 bath, upper, closets, new paint, new carpet, new appl., CAC, pool, tennis, amenities, \$159,000/neg. Milind, Ext. 3327 or 463-8388.

KINGS PARK - n. of 25A, 3 min to boat ramp, walk to parks, 4 BR, 2 bth, all renov. in/out, all new, poss m/d, \$489,000/neg. Richard, Ext. 5319 or 631 835 8309.

MIDDLE ISLAND - 2 bdrm., 2 bath, I/r, d/r, Ig. eik, new upgrade appli., partly fin. bsmt, igs., .5 acre, shed, 5 min. to BNL \$299,000 Karen, 924-4968.

MILLER PLACE - 5-bdrm., 2.5-bath, 3,200sq. ft. Victorian, eik w/granite, s/s appl., d/r, flr., den w/fp, bsmt., 2-car gar., hwd. flrs., cac, 3/4 acre. \$799,990/neg. 642-8043.

MILLER PLACE - 4-bdrm. Colonial, Ig eik., d/r, l/r, fam. rm, 2-1/2 baths, gar., 20 min. to Lab & SBU, 5 min. to beach, excel. schools. \$465,000/neg. 473-4715.

PORT JEFF STATION - 8 rm hi-ranch, cedar/vinyl, 4 bdrm, 2 bath, l/r, den, frpl, new rf w/warr, igs, updated bath/kitch, new appl., 0.42 acre \$399,000, Ext. 3327 or 463-8388.

RIVERHEAD - Town of Southampton, 2,500 sq. ft., 3 bdrm., lake comm., cac, 2 f/p, granite counter tops, 2.5 baths, newly remodeled, deck, 1 acre + \$559,000, 680-8184.

SHOREHAM - Dutch Colonial, 4 bdrm., 2 bath, d/r, l/r, lg. fam. rm., wd flrs., new lg. kit., new appls, 1-car gar., igp, fenced yrd., family n'hood. \$499,000/neg. 258-4607.

SHOREHAM - 4-bdrm. Col in Clarendon Homes, I/r w/fp, d/r, 4.5 baths, fin. bsmt., 4,000 sq. ft., att. legal apt, \$1,600/mo. income, beach, \$739,000/neg. 929-2839.

SOUND BEACH - all new, 3-bdrm, 1-1/2 bath, 2-story Colonial, bsmt., Ig. eik, f/p, low taxes. \$389,000 278-1905.

VERO BEACH, FL - 2 years young, movein ready, unique country home with an extra corner lot, http://tinyurl.com/h9q5c. \$219,000/neg. 772-539-1617.

On-Site Services

ON-SITE SERVICE STATION - We can service you with boat & motorcycle starters, alternators, as well as all vehicle services, NYS inspections, new batteries, tires, timing belts, repairs, etc., while you are at work. Ext. 4034.

ENTERPRISE RENT-A-CAR - Need to rent a car or a truck? Stop by the onsite Enterprise Rent-a-Car office at Bldg. 355, 50 Brookhaven Ave., to check weekend specials, daily rates. Or call Ext. 4888 or see www.enterprise.com.

Wanted

25HP EVINRUDE/JOHNSON OUTBOARD - with or without controls. Wayne, Ext. 2284 or 369-1977.

LIVE-IN CAREGIVER - for elderly woman, B'hvn Hmlt; light aid: help w/diabetes meds, meals, shopping w/car avail. 286-1674.

In Appreciation

I would like to thank everyone for their generous support and gifts. Your friendship will always be a big part of my life. A special thanks to John Mollica, John Quigley, Paul Hubbard and my son, Victor for a terrific party. – Victor Cassella

anisms for managers. Will also coordinate staff apprenticeship and mentoring programs. Human Resources & Occupational Medicine Division.

Motor Vehicles & Supplies

03 DODGE GD CARAVAN SPORT - 3.8L, V6 pwr drs/seat, cass/cd changer, rf rk, orig. owner. 32K mi. \$13,500/neg. 730-6556.

02 SATURN LW300 - wgn, 6cyl, a/t, ac, DVD/ CD/cass, 7 spkrs, F&R side air bags. 135K mi. \$7,500/neg. Ext. 2627 or 516-356-0876.

01 FORD ESCAPE XLT - V6, 2wd, blue, extras, maintained. 79K mi. \$10,500/neg. 516-489-3603.

01 VW JETTA 1.8T - Wolfsburg Ed, new 5spd. & LSD APR chip & SST exh., 2 sets alloy whls. 80K mi. \$10,500/neg. 902-8188.

00 DODGE INTREPID - drk gray, am/fm/cd, a/c, p/w, p/l, sm. 6 cyl., good on gas, nonsmkr., new br. 83K mi. \$4,900. Ext. 4026.

00 MERCURY SABLE - leather int. 6 cyl. 3.0 DOHC eng., options, gd. cond. 144K mi. \$5,000/neg. Ext. 4748 or 277-0464. capcty. Stand alone, smkd gls. dr, int. light, sliding shelves, \$90. Gary, Ext. 7045.

Lost & Found

LOST: READING GLASSES - blue frame glasses, royal blue case. Joann, Ext. 7459.

Audio, Video & Computers

CASSETTE DECK - Kenwood KX-W4050, double (dual) deck. \$30 obo; Hitachi CD player, \$10 obo. Cindy, 874-3652.

CELL PHONE - small, Samsung N105 w/ batt., charger, orig. box, manuals, needs SIM card, pd \$300, sell for \$60. Ext. 3505.

COMPUTER - dsktp, Intel II, 233MHz, 512kb RAM, 128MB mem, CD-ROM, floppy dr., 15" mon., \$20. Das, Ext. 3114 or Ext. 1064.

ELECTRIC KEYBOARD - no speakers, no stand, The Affair by Concert Company, \$35. 291-2039.

SIRIUS SATELLITE RADIO RECEIVER - JVC KT-SR2999 w/car cradle, antenna, 12V DC pwr adptr, rem., pd. \$120, sell \$60. Ext. 3505. SHIRLEY - Ig. 2-bdrm. ranch, I/r, d/r, eik, bath, full bsmt., 150 x 100, no smkg./pets, + sec. \$1,300/mo. Maria, 399-1756.

SHOREHAM - 2 lg. bdrms. & I/r, fully carpeted, kit., full bath, cable, Internet access, pvt. ent., on cul-de-sac., no smkg./ pets, 8 mi. to BNL. \$1,200/mo. 445-7838.

SHOREHAM - ranch, 3 bdrm., 1 bath, l/r, den, kit., w/d, 1-car gar., lg. yard, utilities extra. \$1,800/mo. 258-4607.

SHOREHAM - newly refurb. home; 2 lg. bdrms., l/r, new kit., full bath, deck, nice yard, on cul-de-sac., avail. furn. or unfurn. from 10/06. \$1,450/mo./neg. 875-3494.

SHOREHAM - 1-bdrm. apt, sep. ent., kit., bath, big yard, sep. therm., cable TV, util. inc., avail. 10/1, no smkg./pets; 7 min to Lab. \$800/mo./neg. Ext. 5337.

WADING RIVER - 2 bdrm., a/c, l/r, kit., approx 10 mi. to Lab, v. quiet neighborhood, no pets/smkg. \$1,200/mo. 929-6511.

Hispanic Heritage Club Salsa Picnic, 8/19

The BERA Hispanic Heritage Club invites all Lab employees, retirees, visitors, and their family and friends to attend its 4th annual "Salsa Picnic" on Saturday, August 19, 11:30 a.m.-5:30 p.m. at the BNL gazebo picnic grounds. The event is free; hot dogs will be provided — and DJ Alex will play popular and Latin music to dance the afternoon away. A 50/50 raffle will also be held.

Bring your own picnic, beverage, chairs and umbrella — and a favorite dish to share. Two large grills on the grounds will be available. If you wish to play softball, volleyball, soccer, horseshoes or ride bikes, bring your sports equipment. The following activities are planned for children: musical chairs, a dance contest, face painting and prizes. Anyone attending the picnic who is 16 or over must bring a photo I.D. For more information, contact Carmen Narvaez, Ext. 3254 or narvaez@bnl.gov, or Yvette Malavet-Blum, Ext. 5591 or Malavet@bnl.gov.

Bulletin

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