Bulletin



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Lab Director Holds All-Employee Meeting



and more than 425 webcast viewers, Laboratory Director Praveen Chaudhari laid out a positive and ambitious five-year plan for BNL's future in his third All-Employee address.

"The bottom line that I want you to go away with is that we have a very good plan, and that we now have to implement that plan," he said. "Every one of you has a role in it — to put the foundation in place for the growth of our laboratory."

The bones of the plan are several "major initiatives." The top priority is to secure NSLS-II, the CFN is important not just be-

National Synchrotron Light Source (NSLS), that is planned to be one of the two cornerstones of the Lab's future. The Laboratory will also establish a strong program at the Center for Functional Nanomaterials (CFN) to develop new energy technologies.

Chaudhari added that Critical Decision 3, which is the goahead to begin construction of the CFN, is expected to be granted soon, and that the completed project will do much more than enable the CFN scientific program. The

society, but because it is an anchor point for the transformation of basic energy science activities at the Lab.

The second cornerstone is to secure the conversion of the Relativistic Heavy Ion Collider (RHIC) into a quantum chromodynamics (QCD) lab via a new electron ring (eRHIC), beefed-up computing, and other upgrades.

The fourth major initiative is the growth of the Center for Translational Neuroimaging, which studies the brain's response to aging, obesity, and (continued on page 2)

BNL's 1,000,000 Safe Work-Hours Celebrated at Ice Cream Social



Among the senior management personnel who served up the



ices to celebrate BNL's safety success are: (above) Jim Tarpinian (left), Assistant Laboratory Director for Environment, Safety, Health & Quality; and Peter Bond, Deputy Director for Science & Technology (Interim); and (below, from left) Michael Holland, Manager of DOE's Brookhaven Site Office; BNL Director Praveen Chaudhari; and Bill Hempfling, Director of the Human Resources & Occupational Medicine Division.

ot, sunny weather doubled the enjoyment of eating each frozen chocolate, raspberry, or other delicacy at the Ice-Cream Social held on July 20 at Berkner Hall to celebrate the Lab's new safety record of one million hours (and still counting) of work-time achieved without a lost-time incident.

Hosted by James Tarpinian, Assistant Laboratory Director for Environment, Safety, Health & Quality, the event marked a breakthrough in BNL's safety record that. Tarpinian emphasized, depended on every employee for its success.

Adding his congratulations, Michael Holland, Manager of DOE's Brookhaven Site Office, expressed his admiration and that of DOE's Leah Dever, Associate Director of the Office of Laboratory Policy & Infrastructure within the Office of Science, for this team effort. Holland had followed Lab employees' progress daily through the sign at the main gate, and said that he would now look forward to the next one million or more hours of safe work at BNL.

"As BNL has shown many times, even the most difficult things are achievable through diligent individual and team efforts," said Tarpinian. "Of all our successes, safety achievements are among the most rewarding."

Five Brookhaven Scientists Awarded Tenure











Brookhaven Science Associates (BSA) granted tenure on June 1 to five BNL scientists. They are: (see above, from left) Ivan Bozovic, Materials Science Department; Sergei Lymar, Chemistry Department; James Misewich, Materials Science; Werner Vogelsang, Physics Department; and Zhong Zhong, National Synchrotron Light Source Department.

As described in the Scientific Staff Manual, a tenure appointment "constitutes recognition of independent accomplishment of a high order in the performance of original research or of other intellectually creative activity appropriate to the purposes of the Laboratory.

Recognition may be earned through significant contributions to knowledge related to the purposes of the Laboratory and/or in furtherance of the aims of the Laboratory, through continuing contributions of outstanding significance to productive uses of the facilities, or through outstanding and creative contributions to their design, development, and improvement."

Tenure appointments are granted by action of the BSA Board after a rigorous selection procedure overseen by the BSA Science & Technology Steering Committee. In making tenure decisions, the BSA Board is advised by members of the Brookhaven Council, an elected body that advises the Director on matters affecting the scientific staff.

A description of the accomplishments of each of the five recent tenured scientists will appear in forthcoming issues of The Bulletin, starting this week with Ivan Bozovic.

Ivan Bozovic

LDepartment (MSD), synthesizes and studies cuprates - copper-oxide compounds that show superconducting properties at

temperature of any known material at which superconductivity is exhibited. Superconductors, which are materials with no elec-

Tvan Bozovic, Materials Science 163 degrees Kelvin, the highest trical resistance, can be used in electrical motors and generators, computer chips, wireless communications, and other applications in the electronics industry.

To make cuprates and other oxides of interest, Bozovic uses a state-of-the-art molecular beam epitaxy oxide system (MBE), a machine that he designed and built, which deposits numerous different materials, atom by atom, onto a substrate, to make multi-layers of complex oxides.

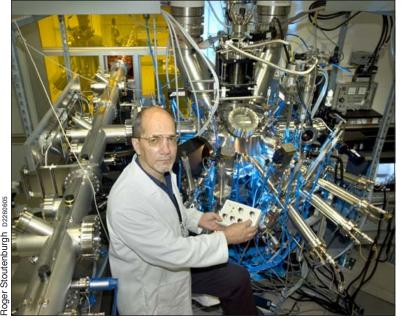
In nominating Bozovic for tenure, MSD Chair James Misewich said, "Ivan is an internationally recognized scientist, noted both for his leadership in the synthesis of exceptionally high quality complex oxide films by atomic layer-by-layer MBE techniques, and for his unique capability to demonstrate novel aspects of high-temperature superconductivity. His impact is measured in over 100

publications, 150 invited talks, and numerous awards, most recently, the 2004 SPIE Technology Achievement Award given by the International Society for Optical Engineering."

Bozovic earned a Ph.D. in physical sciences in 1975 from the University of Belgrade, Yugoslavia, where he was a member of the faculty from 1973 to 1984. He then held several research positions in industry and academia in Europe and the U.S. before he

joined Brookhaven in 2003 as a senior scientist and MBE Group Leader. A Fellow of both the American Physical Society and the International Society for Optical Engineering, Bozovic was the first recipient, in 1999, of the M. Jaric Memorial Prize, the most prestigious Yugoslav national award in physics. He has also won the Polaroid International Award for Microphotography, as well as several other awards.

— Diane Greenberg



The Bulletin July 29, 2005

Calendar

of Laboratory Events

- The BERA Sales Office is located in Berkner Hall and is open weekdays from 9 a.m. to 3 p.m. For more information on BERA events, contact Andrea Dehler, Ext. 3347; or Chris Carter, Ext. 2873.
- Additional information for Hospitality Committee events can be found at the Recreation Bldg. and at the laundry, both 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, and Advanced classes. Various times. All are welcome. Learn English, make friends. See www.bnl.gov/esol/schedule. html for schedule. Jen Lynch, Ext. 4894.

Mondays: BNL Gospel Choir 5:15-7 p.m. Berkner Hall. All faiths are welcome. www.bnl.gov/bera/activities/choir/.

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

Mon., Wed., & Fri.: Tai Chi Noon-1 p.m., Brookhaven Center North Room. Adam Rusek, Ext. 5830 or rusek@bnl.gov.

Tuesdays: Welcome Coffee

10-11:30 a.m., Rec. Hall. First Tuesday of every month is special for Lab newcomers and leaving guests. Meet in the gazebo in the apartment area. Cindy Ottemann, 849-2646.

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: Toastmasters1st and 3rd Tuesday of each month , 5:30 p.m., Bldg. 463, room 160. Guests, visitors always welcome. www.bnl.gov/bera/activi-

ties/toastmstrs/default.htm. **Tues., Wed. & Thurs: Rec Hall Activities**5:30-9:30 p.m. General activities, large-screen TV, ping pong, chess, games, and socializing. Christine Carter, Ext. 5090.

Wednesdays: On-Site Play Group
10 a.m.-noon. Rec. Hall. An infant/toddler
drop-in event. Parents meet while children
play. Meet in in the apartment area
playgroup. Kati Petreczky, 821-4131.

Playgroup. Kati Petreczky, 821-4131.

Wednesdays: Weight Watchers

Noon-1 p.m. Michael Thorn, Ext. 8612. **Wednesdays: Yoga**

Noon-1 p.m., Brookhaven 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. at the BNL Pool. \$5 per family.

Fridays: BNL Social & Cultural Club
6-9 p.m., North Ballroom, Brookhaven Ctr.,
dance lessons, 9-11:30 p.m. general dancing.
Rudy Alforque, Ext. 4733, rudy@bnl.gov.

- THIS WEEKEND -

Saturday, 7/30

Trip to Six Flags Great Adventure

7 a.m. Brookhaven Center departure. BNL's Office of Educational Programs sponsors trip. \$40 covers breakfast, luxury coach transportation, park and safari admission. Cash only. The bus will leave the park at 7 p.m. Tabatha Wyche, Bldg. 438, Ext. 2870.

*Hispanic Heritage Salsa Picnic

11 a.m. 6 p.m. Gazebo near ball fields. All are welcome. DJ, dancing, volleyball, etc. Adults, bring food to share with three or four people. For children, games and food will be provided. See notice on page 3. Omar Gould, Ext. 2656, Yvette Malavet-Blum, Ext. 5591.

Sunday, 7/31

*Summer Sundays: Science Museum

10 a.m.-3 p.m. See notice, page 4. Explore interactive exhibits at BNL's Science Museum. New this year, a 3-D visualization theater. Also, the Long Island ScienCenter will feature a handson exhibit on the physics of toys, and the Goudreau Math Museum will offer math games. A science magician will uncover the science behind the tricks.

— WEEK O<u>F 8/1 —</u>

Sunday, 8/7

*Summer Sundays: NSLS

10 a.m.-3 p.m. See notice, page 4. The facility to be featured is the National Synchrotron Light Source. Learn about discoveries made with "invisible light" that impact everyday life.

*Trip to Ellis Island, Statue of Liberty

8:30 a.m. Brookhaven Center. Luxury bus trip sponsored by BERA. \$25/ adult, \$20 children 12 and under, includes ferry, ticket to Statue of Liberty, and coach fare. Buy tickets at the BERA Sales Office, Berkner Hall. See also notice on page 4.

Lab Director Praveen Chaudhari Holds All-Employee Meeting

brain diseases such as addiction, attention deficit disorder, Alzheimer's, and Parkinson's. The Lab will look to double the funding for Brookhaven's medical imaging program over the next few years.

Other programs, the Director said, also play important roles in the Lab's scientific future. These include atmospheric sciences, the Genomes to Life project, and computational sciences. More information on these programs and the major initiatives is available at http://intranet.bnl.gov/intranews/strategicPlan/default.asp.

BNL's future success, the Director said, is also linked to how well BNL's researchers can tackle multi- and cross-disciplinary scientific problems, and he mentioned a committee formed to help identify those opportunities. "You have to look for challenges that transcend your discipline — if you insist you only do physics and nothing else, you cannot tackle these 'grand challenge' problems," he said.

Chaudhari also detailed some of the Lab's scientific and operational accomplishments in the past year. He discussed RHIC's "perfect liquid" discovery, the completion of Spallation Neutron Source work, the U.S. ATLAS detector for the Large Hadron Collider at CERN, Switzerland, advances in understanding hightemperature superconductors, clinical trials of the addictiontreatment drug GVG, imaging research at the positron emission tomography (PET) facility, studies to advance the hydrogen economy, the Urban Dispersion homeland security program, and receiving a major grant from the National Institutes of Health to begin Genomes to Life research.

The Director happily announced that the Lab reached a safety milestone. "I'm delighted to tell

you, and I'm very proud, that you have achieved one million hours without a lost-work day. I think that is remarkable; it's the first time in the history of this laboratory that we've gone so long without an injury. Here was a challenge to improve our safety record, and we did it."

But safety, the Director said, was just one of many recent challenges that the Lab successfully met. Another was handling the Lab's expired New York Power Authority contract, a situation that could have resulted in much higher electric bills for the Lab, which was enjoying "unusually low" rates compared to other industrial customers. Significantly higher rates could have been disastrous for the Lab, and would likely have resulted in additional layoffs.

"We had to negotiate power rates and get them down to a reasonable number," he said. "We had to reach out to make this happen. We had Governor Pataki's support, and [N.Y. State] Senator Ken LaValle be-



came a focal point in that and brought all the people together to make it happen."

A third challenge was President Bush's fiscal year 2006 budget request, which would have severely cut funding to RHIC, the NSLS,

and medical imaging. "The Laboratory was faced with this financial crisis," Chaudhari said. On top of that, he said, the DOE Office of Nuclear Physics realized there may not be enough money in coming years to run both RHIC at BNL and CEBAF at Jefferson Lab. One might someday need to be closed; the question posed to the DOE/NSF Nuclear Science Advisory Committee (NSAC) was "which one?"

"So we had problems on two fronts: One, the science front — why our science should be supported — and second, a political front," he said. "It's the kind of situation that makes senior management very nervous. But we rose to the challenge and fought on both fronts."

In the end, the committee decided that RHIC made a stronger scientific case, but, fortunately, this decision does not have to go further as funding will most likely be restored by Congress to the entire nuclear physics budget. RHIC and CEBAF will continue to work to-

gether on increasing future nuclear physics funding.

(cont'd.)

Also included in the restored funding was the NSLS and the imaging program. The change was largely due to a crucial visit by U.S. Representative David Hobson of Ohio, Chairman of the House of Representatives Energy and Water Development Appropriations Subcommittee, which is responsible for allocating funds to the national labs.

"It was a risk and a challenge to bring Congressman Hobson here and expose him to our science," said Chaudhari. But the visit went very well. Hobson, who visited RHIC, the NSLS, and the PET facility, and attended the CFN site dedication ceremony, was "enthusiastic about science and about Brookhaven National Laboratory, and he and Congressman Bishop began talking about how to help the Laboratory. It was very nice, positive visit for everybody."

But Chaudhari warned that BNL will have to remain "vigilant" and continue show the Laboratory's stakeholders — including elected officials and the public — the value of the Lab.

In conclusion, the Director said, "We want to be the best laboratory in the world. We have to implement these major initiatives and continue to carry out exceptional science with outstanding operations, and you cannot be called the best if you do not have good relationships with your stakeholders. Do you think we can do it? My answer is 'yes.' Do you think it will be easy? My answer is 'no.'"

— Laura Mgrdichian

Nonproliferation & National Security Department Staff Praised For Aiding Emergency Responders at 2004 Olympics

In late May 2005, the international criminal police organization Interpol in Lyons, France, sent a letter of thanks to Paul Longsworth, deputy administrator for Defense Nuclear Nonproliferation for the National Nuclear Security Administration (NNSA), an agency within DOE that was established to oversee the nuclear weapons program and related activities. The letter expressed Interpol's gratitude for the outcome of the pilot effort of the Cooperative Radiological Instrument Transfer (CRIT) program.

And within a few days, Longworth had signed and presented a certificate of recognition from NNSA to BNL's Joseph Schwartzel, Senior Radiological Threat Reduction Manager in the Nonproliferation & National Security Department (NNSD), who is based in Washington, D.C., "in appreciation for service provided to the Office of Global Threat Reduction in ensuring the security of the 2004 Summer Olympic games by securing Greek high-risk radioactive materials."

As Longsworth further stated in the certificate, "Your diligence in working quickly and tactfully to resolve any organizational issues that could have prevented rapid progress resulted in high praises from the Greek Atomic Energy Commission and the International Atomic Energy Agency [IAEA]."

So, what was the behind-the-scene story?

Prior to the 2004 Olympic Games in Athens, Greek law enforcement and emergency response personnel had prepared for potential terrorist threats with equipment and training provided by BNL's NNSD members Schwartzel and Stephen Musolino. The assistance was given through DOE/NNSA's International Radiological Threat Reduction (IRTR) program, which helps other countries secure dangerous radiological material that might be used to make "dirty bombs."

Also, as part of the CRIT program, Schwartzel had been working with the IAEA to transfer hand-held radiation detection instruments to the Greek Atomic Energy Commission (GAEC) for use by its first responders and collaborating university laboratories. Schwartzel and Musolino, a certified health physicist who

has worked in emergency response for 25 years, traveled to Athens in June 2003 to provide basic training for the equipment's use. They also set up a "tabletop" exercise, which Musolino helped design, to test GAEC radiological emergency response procedures.

In a tabletop exercise, one or several scenarios are unfolded to develop a crisis situation. Then the officials must respond in real time, with "injects" or additional developments occasionally be-

ing added to complicate the ongoing response. In this case, a "dirty bomb"

attack in the vicinity of a crowded Olympic venue was simulated. The crisis posed instigated the types of assessments and decisions the GAEC would be called upon to provide to the senior Greek government officials. Schwartzel and Musolino agree that the exercise was a very worthwhile component

to the event preparations.

"They discovered during the tabletop exercise that even though they had a manual on emergency response, confusion surrounded decisions that needed to be made," Schwartzel said. "There was some difference of opinion about

how a situation or event should be handled. You have to be very adaptable. Some of the people involved had read the plan, but weren't familiar with everyone's role."

Musolino, who moderated the tabletop exercise, added that "plans you think are very sound can turn out to be naive and problematic when there is an actual incident. Our role was to help conduct a test of how the plans would work in practice and facilitate pinpointing areas for improvement rather than find those same problems in the midst of an actual emergency. Also, no matter how thorough a plan is, emergency response is not easy and you need to practice."

The trip was the first visit to Greece for both Schwartzel and Musolino. Although their stay was brief, they did catch a glimpse of Luciano Pavarotti, staying at their hotel while performing at the Acropolis and NBA star Dikembe Mutombo who was also at the same hotel. "We felt that we did a useful job, and also, it was a lot of fun," Musolino said.

— Kay Cordtz

™™The Bulletin July 29, 2005

Summer Music Festival at BNL Joins With Summer Sundays, 8/14



Sponsored by the BNL Music Club, the fourth annual outdoor summer music festival will be held at BNL from noon until 6 p.m. on Sunday, August 14. Part of the Lab's Summer Sundays program, the free public concert will feature blues, rock, reggae, and a combination of drumming and martial arts.

The concert will be held on the lawn next to Berkner Hall, rain or shine. Visitors to the Lab age 16 and over must bring a photo ID. All concertgoers are advised to bring their own blankets or chairs. Also, the BNL Music Club encourages everyone to bring a nonperishable

food item for the BNL Food Drive, which benefits local pantries in Brookhaven Town.

Featured live on stage at the concert will be Sam "Bluzman" Taylor, Long Island Music Hall of Fame inductee; Brookhaven employee George Bostick and Blues House, playing Chicago and electric blues; the classic rock Doug Gordon Band with BNLers Gordon and Richie Kurz; T-Man and the Aggression, a reggae band; and Ryu Shu Taiko, performing an exciting blend of martial arts, folk dance, and drumming.



SBU Master's Offered on Site

Stony Brook University (SBU) will be offering an on-site program to receive a Master's degree in Technological Systems Management. This degree will have a concentration in environmental and waste management. Admission requirements include one year of calculus as an undergraduate and a bachelor's degree in engineering, natural sciences, social sciences, mathematics or a closely related area from an accredited college or university.

The BNL Tuition Assistance program can reimburse employees at 100 percent for the cost of tuition. Employees will be responsible for fees and books. Applications are being accepted for the fall 2005 semester. The application process needs to begin without delay.

For more information, see the HR Staff Development website at http://www.bnl.gov/HR/staffdev/onsite_ed.asp and the SBU website at http://www.stonybrook.edu/est/academics/graduate or contact Starr Munson, munson@bnl.gov or Ext. 7631.

Stony Brook University Student Awarded 2005 Gertrude Scharff-Goldhaber Prize



With Stony Brook University's (SBU) Anne Sickles (center, front), are: (front, from left,) Maurice Goldhaber, BNL Scientist Emeritus and the widower of Gertrude-Scharff Goldhaber; Pat Williams, BWIS Coordinator; (from left, back) Barbara Jacak, Sickles' thesis advisor at SBU; Alfred Goldhaber, Professor in the C.N. Yang Institute of Theoretical Physics at SBU and son of Maurice and Gertrude Goldhaber; and Vinita Ghosh, BWIS Scholarship Committee.

Anne Sickles, a graduate student at Stony Brook University (SBU), has been awarded the 2005 Gertrude Scharff-Goldhaber Prize, consisting of a framed certificate and \$1,000. Administered by Brookhaven Women in Science (BWIS), the prize was established to recognize substantial promise and accomplishment by women graduate students in physics who are enrolled at SBU or who are performing their thesis research at BNL

Established in 1992, the prize 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 staff. She became a founding member of BWIS.

Sickles earned her B.S. in physics from Gonzaga University in Washington State in 2001, and she expects to earn her doctorate from SBU by September 2005. She has done her thesis work at the PHENIX detector at Brookhaven's Relativistic Heavy Ion Collider (RHIC), where physicists from around the world study a type of matter that has not existed since the beginning of the universe. At the award ceremony, Sickles gave a brief talk on her research, titled, "Jets and the Search for Quark-Gluon Plasma at RHIC."

— Diane Greenberg

BWIS Seminar, 8/18 Mentoring Programs for Women in Science

Mary L. Pavone, Director of the Women in Science Project (WISP) at Dartmouth College, will give a Brookhaven Women in Science-sponsored seminar titled, "Shaping the Circle of Science with Mentoring, Active Learning & Community," on Thursday, August 18, at noon in Berkner Hall. All are welcome.

Dartmouth College pioneered an initiative to increase the numbers of undergraduate women graduating in the sciences, math and engineering and to prepare them to pursue professional science careers. Recognizing that women leave science for varied reasons, a comprehensive and complementary set of programs evolved around the themes of early hands-on research, experience, mentoring and networking, role models, access to information, and a sense of community.

Pavone will discuss two mentoring programs at Dartmouth: WISP, which pairs women freshmen or sophomores interested in science with a research faculty member for two terms in a paid, hands-on mentored introduction to research; and MentorNet, a worldwide, nonprofit e-mentoring network that addresses the retention and success of those in engineering, science and mathematics through connections with professional scientists.

Pavone holds a B.S. in biology and an M.S. in aquatic biology, both from Kent State University. In 1996, on behalf of WISP and Dartmouth College, she accepted the National Science Foundation's Presidential Award for Excellence in Science, Mathematics, and Engineering Mentoring Programs. For more information, contact Lynne Ecker at Ext. 2538, or lecker@bnl.gov.

Sunset Cruise to Music on Port Jeff Ferry, 8/17

The Hospitality Committee invites the BNL community of all ages to join a Port Jefferson Ferry Sunset Cruise on Wednesday, August 17. During the voyage to Bridgeport and back, King Wellington & The Earth Peoples will play reggae music, or passengers can mount to the top deck to enjoy the wind and waves more quietly. Meet at the Port Jefferson ferry building at 5:15 p.m. and buy tickets on the boat, \$12/adults, \$7/children 5-12. Snacks and drinks may be purchased on board, or you can bring your own picnic. The boat will return by 9 p.m. Some parking is available in the ferry lot. For more information, contact Lisa Yang, 878-3937 or lisayang@ optonline.net.

Hispanic Heritage Club Salsa Picnic, 7/30

The Hispanic Heritage Club invites all to a "Salsa Picnic" to be held from 11 a.m. to 6 p.m. tomorrow, Saturday, July 30, at the gazebo near the softball fields. DJ Alex will provide music for listening and dancing, and volleyball and other outdoor activities will be available. For kids, games and face painting will be provided, and hot dogs, hamburgers, and drinks will be available. Adults: Bring a dish to share with three or four people. For more information, contact Omar Gould, Ext. 2656, or Yvette Malavet-Blum, Ext. 5591.

One-on-One Retirement Counseling, 8/11

A TIAA-CREF consultant will visit BNL on Thursday, August 11; Tuesday, August 16; Monday, August 22; Tuesday, August 30; and Wednesday, August 31, to answer employees' questions about financial matters. The consultant will help you:

- Understand the importance of protecting your assets against inflation
- Find the right allocation mix for you
- Learn about TIAA-CREF retirement income flexibility
- Compare lifetime income vs. cash withdrawal options.

For an appointment, call Kathy Murphy, (866) 842-2053, Ext. 4625. (Not the on-site Ext 4625.)

Arrivals & Departures

Arrivals

None **Departures**

Davide Costanzo Physics Brian Quinn HR & OMC

On-Site Service Station

Need your vehicle inspected, or your brakes or battery checked and/or replaced? This and much more can be done at the on-site service station while you are at work. Call Ext. 4034 for more information.

Calendar

(continued)

- WEEK OF 8/8 -

Wednesday, 8/10

St. Joseph's College Demo

11 a.m.-1 p.m., Berkner Hall. Representatives from the St. Joseph's College Graduate Management Studies Program will present information about degree programs including the Executive Master of Business Administration and Master of Science in Management with Concentrations in Organizational Management, Human Resources Management, Human Resources Management and Health Care Management. The school will offer an MBA with a concentration in accounting in the near future. Classes meet every other week, evenings, weekends. Matthew Colson, 447-3933

Sunday, 8/14

*Summer Sundays: Celebration and

10 a.m.-3 p.m. All are welcome. See notices, pages 3 and 4.

— WEEK OF 8/15 —

Wednesday, 8/17

Marriott Residence Inn Demo

11 a.m.-2 p.m., Berkner Hall Representatives from Marriott Residence Inn in Holtsville, a few exits west of the Lab, will present an overview of available services and discounted rates. Contact Donna Chider, 475-9500, Ext. 4908, dchider@colwenhotels.com.

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.



Wanted: Safety Suggestions

Deadline July 31

A new program, similar to the successful Pollution Prevention (P2) program, is now part of BNL's Integrated Safety Management/ Occupational Safety & Health programs. Safety Solutions (S2) will seek, evaluate, and implement employee suggestions for safety and health improvement projects across the Lab.

For FY05, the total funding available from the S2 program is \$20,000. As they do in the P2 program, employees will first complete a project suggestion form and submit it to the S2 Council, which will review the proposals and select projects to be funded. For FY05, project proposals are due by July 31.

Potential projects could include purchasing protective safety equipment, providing training on unique hazards, replacing hazardous equipment, making ergonomic improvements, and many others. Projects that target specific processes as well as site-wide safety enhancements are eligible.

All BNL employees, users, and guests are encouraged to submit ideas using the project suggestion form available at www.bnl.gov/esh/shsd/OHSAS/S2_home page.asp. For more information, contact your organization's ESH Coordinator or the S2 Program Manager, Robert Selvey, Ext. 3066, selvey@bnl.gov.

BNL Summer Sundays — This Sunday Features BNL's Science Museum

This summer, combine free family fun and learning something about the tremendous discoveries at the Lab by visiting BNL on a Summer Sunday. You can try out interactive exhibits, see an entertaining science show, and each week, tour a different facility and meet a scientist who will tell you in nontechnical terms about some of BNL's forefront research.

Summer Sundays run through August 21. No reservations are needed. Visitors, including anyone from the Lab community, may arrive at any time between 10 a.m. and 3 p.m. All visitors



Classified Advertisements

The Lab's placement policy is to select position. Candidates are considered in the following order: (1) present employees within the department/division and/or appropriate employees within the Laboratory; and (3) out regard to age, race, color, religion, nalists new placement notices, first, so employees may request consideration for them-Because of the priority policy stated above, operational needs require otherwise, positions will be open for one week after publica-JOBLINE, Ext. 7744 (344-7744), for a list of 6018; or access current job openings on the

LABORATORY RECRUITMENT - Opportunities for Laboratory employees

TB2508. SENIOR BUDGET SPECIALIST (A-8, reposting) - Requires a bachelor's degree in accounting, business administration, or equivalent, and ten years' pertinent experience. Extensive experience should include financial performance and analysis, accounting procedures and policies, coordination of program funding, budget and proposal preparation and financial reporting for DOE and WFO funding. Excellent written and oral communication skills, proficiency in Excel and other MS Office products and experience with PeopleSoft Budgeting, Personnel Forecasting, Queries and Reports required. Must be able to prioritize work and respond to tight deadlines in a fast-paced environment. Responsibilities will include the overall financial performance of the Environmental Sciences Department within the EENS Directorate. Responsibilities include developing and reviewing data to establish budgets and standard rates for the EENS directorate, preparing and interpreting departmental and project budgets and related financial reports. Will assist in the overall management and administrative business activities and budget/proposal preparation in support of DOE and Work for Others programs. Energy, Environment and National Security Directorate/Business Operations Office.

Motor Vehicles & Supplies

04 ACURA RSX - silver, auto/man 5-spd, s/ roof, 6-spkr. stereo, abs, well-maint., like new.

V6, silver, pwr. s/roof, see http:// usr.v7.com/ts/. 21K mi. \$24,900/neg. Taka,

16" whls., pics. avail., excel. 26K mi. \$12,500/ neg. Charles, Ext. 4612 or 525-7208.

01 TOYOTA SIENNA XLE - minivan, 6-cyl, new fr. & rear brakes, tr/ferble. 3/36,000-mi. warr. 70K mi. \$12,500/neg. Betsy, Ext. 2758 99 MERCURY GS SEDAN - dark green, automatic, airbags, a/c, radio, . 81K mi. \$3,000/neg. Taka, Ext. 8408.

age 16 and over must bring a photo ID.

Every Sunday, the educational and entertaining "Whiz Bang Science Show" will be staged at 10:30 a.m., noon, 1:30 p.m. and 3 p.m. In addition, visitors may test their creative and problem-solving skills at the Brain Teasers exhibit in Berkner Hall lobby. Artifacts from Camp Upton — the U.S. Army base that occupied the Lab site during World Wars I and II — will also be on display. The Summer Sunday schedule of facilities to visit

7/31 Science Museum: Learn how to play with science. Explore interactive exhibits at the Laboratory's Science Museum, experience the physics of toys at the LI ScienCenter exhibit, and be entertained by the science magician while discovering the science behind the

8/7..... National Synchrotron Light Source: See with invisible light, learn about discoveries impacting everyday life.

. Celebration Sunday: See the Einstein & Beyond Magic Show, Blues/Jazz Concert (see notice on page 3), Camp Upton history, much more.

8/21 Relativistic Heavy Ion Collider (RHIC): Probe matter thought to have existed at the beginning of the universe.

Tennis, Anyone? Trip to U.S. Open, 9/6

Some seats remain on the BERA Tennis Committee's bus trip to the U.S. Open Tennis championships at the National Tennis Center, on Tuesday, September 6. The bus will leave from the Lab tennis courts parking lot at 8:30 a.m. and make one stop at the LIE exit 63 Park & Ride. Departure from the National Tennis Center will be at 7:30 p.m. The trip costs \$65 per person, which includes admission (now \$45), the roundtrip bus fare, and tip for the driver. Buy tickets at the BERA Sales Office in Berkner Hall, Ext. 3347.



Placement Notices

the best-qualified candidate for an available bargaining unit, with preference for those within the immediate work group; (2) present outside applicants. In keeping with the Affirmative Action Plan, selections are made withtional origin, sex, disability or veteran status. Each week, the Human Resources Division selves, and, second, for open recruitment. each listing does not necessarily represent an opportunity for all people. Except when tion. For more information, contact the Employment Manager, Ext. 2882; call the all job openings; use a TDD system to access job information by calling (631) 344-World Wide Web at www.bnl.gov/HR/jobs/

The following positions have been exempted from the freeze by the Deputy Di-

15K mi. \$17,900. Ext. 7992 or 331-4820.

03 MERCEDES C240 4MATIC WAGON -Ext. 8408.

01 MAZDA MIATA - sky blue/tan int. 6spd,

98 FORD F150 - V6, a/t, p/s, a/c, ABS, new tool box, am/fm cass, strong truck, good gas

mi. 52K mi. \$10,200. Ext. 7430 or 286-6492. 98 FORD CONTOUR SE - 4-cyl., 4dr., a/t, cruise, AM/FM, all pwr., new batt. & tires, excel. cond. 88K mi. \$3,600/neg. 355-3923. 96 MERCURY SABLE - wagon, 6-cyl, all pwr., c/c, a/t, a/c, p/adj seats, rem., keyless ent., more. 106K mi. \$2,300/neg. Ext. 8137.

am/fm/cass, leather int., a/c, immac., one owner., 96K mi. \$4,500/neg. 286-1097. 94 MERCURY VILLAGER GS VAN - p/s, p/w, p/l, am/fm/cass., a/c, tilt, c/c, r/rack, cloth

96 OLDS 88 LSS - p/s, p/b, p/seats, p/s/roof,

seats, 135K mi. \$1,500. Tina, Ext. 2314. 93 AUDI 100S - 6-cyl, 4dr, a/t, abs, a/c, p/b, p/s. p/w. p/l. c/c. am/fm/cass. s/roof. runs v. well. 120K mi. \$2,900/neg. 878-1486.

92 FORD TAURUS - V6 3.81 dual airbags p/l, p/s, p/w, abs, am/fm/cass, runs well, 146K mi. \$900. Serguei, Ext. 8387 or 924-5046.

91 HONDA CIVIC DX - gd. cond., a/t, 2-door, new emission (\$300 pd). 154K mi. \$500/neg. Sangmoon, Ext. 3714 or 631-949-3809.

90 TOYOTA CAMRY - 4dr. sedan DL, 4-cyl., a/t, a/c, c/c, all pwr., am/fm/cass., 2 new tires, 171K mi. \$1,500/neg. Ext. 5089 or 395-1594. 89 MERCEDES BENZ 420SEL - 8-cvl. a/c, abs, p/w, very good condition. 154K mi. \$5,500/neg. Sorin, Ext. 2765.

88 PONTIAC FIREBIRD FORMULA - runs well, many new parts. 100K mi. \$1,995/ neg. Francine, Ext. 3381

86 CITATION 26 FT. CAMPER - excel., sleep 6, a/c, awning, stove, fridge, freezer, shower, \$4,000/neg. Marcel, Ext. 2350 or 872-8473. 85 APACHE RANGER CAMPER - sleep 6, stove, fridge, furnace work. Smoke, CO2, LP detectors. \$2,995. Ext. 7237 or 929-6571. PICKUP CAP - 8 ft., fiberglass, white, New Cond. \$550. Roy, Ext. 4843 or 727-6714.

Boats & Marine Supplies

17' OLD TOWN DISCOVERY - Canoe with paddles and life vests. \$400. James, Ext. 7079 or 849-3390.

27' PEARSON P 27 - 1988, aft cabin, press. H/C H2O, shower, diesel, 3'4" draft, furling, wheel, shore power. \$17,800. Ext. 2788.

Furnishings & Appliances

AIR CONDITIONERS - Sanyo, 5000 Btu, 2 window units, for small to med size rooms, excel. cond. \$25/ea. avail 8/12. Ext. 8586.

BEDROOM - 5-pc, white Formica, full size h/board, two 3-drwr. n/stands, mirror, chest dresser, \$225, Mark, Ext. 3172 or 281-5060.

COMPUTER DESK - big work space, lg.storage capacity, on rollers, very sturdy, like new, pics avail. \$70. Gary, Ext. 7045.

COUCH - open style Victorian couch, p fect cond., pic. avail. \$500. Donna, Ext. 2826. FUTON - w/blk metal frame, navv cvr., bcms. full-size bed. v.a. cond. \$100: 5000 Btu room

A/C, \$45, wrks v. well. Georgia, Ext. 7957. FURNITURE - pine, early American, chestof-drawers, hutches, professional office desk.

KITCHEN STOVE - antique, Glenwood gas stove,1950, wh. enam., 4 burners w/matching cvrs., pic. avail. \$1,000. Donna, Ext. 2826. LAMPS - (2), one floor & one table lamp, cream color, iron, JCPenney, excel. cond.

OCCASIONAL TABLES - 3-piece Nichols & Stone, solid birch, two-tone finish, excellent condition. \$400. 821-1271.

\$50/set. 821-1271.

BEFRIGERATOR - 1.6 cu ft \$25: small m/ wave, \$25; beverage/wine cooler w/glass front \$50. Susan, Ext. 7235 or 399-7997.

PIANO - Wurlitzer upright walnut finish mtch/ng bench, about 37" tall, well-maint. Ask. \$950. Donna, Ext. 2380 or 589-8964. WASHER & DRYER - Maytag, old, work well. \$100/ea. Tom, Ext. 4517 or 775-0330.

Audio, Video & Computers

BOSE RADIO - new. \$200/obo; IPOD, new, 20GB, \$200/obo. Pat, Ext. 5159

KAWAI BACKMOUNT SYNTHESIZER model K1r, great condition, manual, extra memory cartridge, \$90. Ext. 3621

NEXTEL PHONE - Take my contract, no start fee, 500 min/mo., free nationwide contract, free phone. Chris, Ext. 7365 or 472-3488.

RECORDING STUDIO GEAR - Digitech Quad effects module, \$120. Behringer Autocom compressor, \$45. Ext. 3621.

RECORDS - Old LP's Mary Martin, Carpenters, Connie Francis, The King and I. All 18 records \$15. John, Ext. 4028.

SYNTHESIZERS - Ensoniq ESQ-1 w/sequencer & RAM cart \$190; Yamaha SY85 pro w/station w/FX, seq, FD \$320. Ext. 6248. VINTAGE SYNTHESIZER KEYBOARD -Casio CZ-1000, good cond., pro keyboard from the 80s, \$100. Ext. 3621.

Sports, Hobbies & Pets

GUITAR & AMP - 60s Archtop, Harmony Monterey s/burst w/deArmond exc. \$275 60s Ampeg Reverbojet-II 12" combo, \$350 obo. Ext. 6248.

BICYCLE - 26", blue, helmet incl, \$30. Bernd, Ext. 3640.

COACHMAN TRAILER MODEL FKS348 -2000, slps. 6, kitch., bath., cable rdy, sat. dish, awnings, towing pkge., \$18,000. 872-6002. EXERCISE EQUIPMENT - Universal 4-station workout machine, extra weights, best offer, 208-0408.

Tools, House & Garden

POOL HEATER - Swimpro ABG100 by Hayward 100,000 BTU, used two seasons, \$250. Bob, 516-805-3178.

RADIAL ARM SAW - Craftsman, 10" w/ table, excel. cond. \$80. Susan, Ext. 4298.

Miscellaneous

ESPRESSO BEANS - Lavazza Qualita d'Oro beans. Great espresso! 500 gm/1.1 lb. \$10 (\$14 in stores). Ext. 4575 or 473-3604.

FLAGSTAFF LITE 2001 TRAILER - 29ft, bunks, slideout excel. \$11,500. Diana, Ext. 3681 or 399-3910.

MOVING BOXES & PACKING - Approx 200 ${\sf used} \ {\sf lg, med, \& sm. boxes, wardrobe boxes,}$

newsprint packing. Best offer. 775-0330. TANNING BED - Dr. Kerns Blue Dream 8min. bed w/buck booster, low hrs. orig. owner, pd. \$10,000, sell for \$2,000 obo. -288-5541.

Yard & Garage Sales

WADING RIVER - 7/30, 9 a.m.-4 p.m., kid toys. Little Tykes house, bikes, sports, more,

Free

3 BIKES - 2 boy's 10 spd.; 1 women's 3 spd.; all need cleaning, tires, and tubes, you pick up. Ron, Ext. 3020.

VERTICAL BLINDS - 84 in. long, 3 widths 76,79,77 inches. Off-white, you pick up. Bob, Ext. 4326

Wanted

1-BDRM. APT. - unfurnished, North Shore, 10/1. Ext. 3536.

3/4 string bass for student. Darcy, Ext. 3362

For Rent

BELLPORT - 1 bdrm. 1st floor apt. in new house on priv. wooded acre; priv. ent., fully furn.; 1st & last mo. rent + 1 mo. sec., incl. util. No pets/smokers. \$1,250/mo. 776-0604.

MASTIC BEACH - ranch in private area, great room w/ fireplace & glass door to deck in back of house, eat-in country kitch., 3 bdrm, 1 bath, garage \$1,600/mo. Bob, 281-6551.

Trip to Ellis Island, Statue of Liberty, 8/7

BERA will sponsor a trip on Sunday, August 7, to tour Ellis Island and the Statue of Liberty. The luxury coach will leave the Brookhaven Center at 8:30 a.m., and leave the city at 4 p.m. The cost of \$25/adult, \$20/children of 12 and under, includes ferry, ticket to the Statue of Liberty, as well as coach fare. Buy tickets at the BERA Sales Office in Berkner Hall, weekdays, 9 a.m.-3 p.m.

MIDDLE ISLAND - 1-bdrm apt., I/r, eik, full bath, pvt. ent., no smkg/pets., 1 mo sec. avail. 9/1, elec. not incl. \$900/mo. Jennifer, 846-9051

furn, cac, internet, tv, big w/w bdrm, fenced hack vard w/ deck. Prof. resid. area, 9 mi. to BNL. Resp. N/S. \$700/mo. 631-744-8386. MILLER PLACE - 3-rm. furn.apt, x-lg bdrm,

MILLER PLACE - share Ig. Colonial house,

full kit., ceramic tile bath, internet, tv. Back yard w/deck. Prof resid. area, 9 mi. to BNL. Responsible N/S. \$900/mo. 631-744-8386 NESCONSET - 2-bdrm bsmt apt., newly

for one; sep ent. new tiled bthrm. 9/1 move date \$1,200/mo./neg., incl. all. 433-1614. N. PATCHOGUE - Room(s) in elegant house, sec alarm, pkg., sep. ent, furn., util., shared kitch/bath, Min. 3 mo. Rev. Stewart.

renov., beaut. area, \$1,200 for 2, \$1,000

revstewart@aol.com \$500/mo. 447-6899. RIDGE - 1-bdrm. apt., I/r, eik, full bath, cable pvt. ent., no pets/smkg., 1 mo sec., rent incl all, avail. immed. \$1,000/mo. Judy, 849-3950. ROCKY POINT - Room with full bath in quiet neighborhood. Furnished with king bed. One

is required. \$155/wk. Herge, 821-5851. SHOREHAM - 2 lg. bdrms & a/c in l/r, fully carpeted, kitch. full bath, cable, priv. ent. on cul-de-sac., no smkg/pets. 8 mi. to BNL. \$1,300/mo. Gordon, 445-7838.

person, non-smoker, no pets. \$500 deposit

YAPHANK - studio apt., fully furnished for one person, priv. ent., 4 miles to Lab, cable high speed internet, all included. Private home. \$850/mo./neg. Irene, 9243049.

NAPLES, FL - new condo in Cypress Wood Golf & Country Club, 2 bdrm, 2 bath, sleeps 4-6, fully equipped kitch., all linens, \$1700-\$3,500/mo. Denice, 208-0196.

For Sale

MASTIC BEACH - 3 bdrm. ranch, full basement, fireplace, large property, clean; move right in. \$289,900/neg. Tirre, 281-4646.

SOUND BEACH - Water view, 100ft to beach, low taxes, 3 bdrm, 2 bath, I/r, d/r, f/ r, cac, granite fp., deck, patio, prof. landscaped. \$525,000 Ron, 631-744-1855.

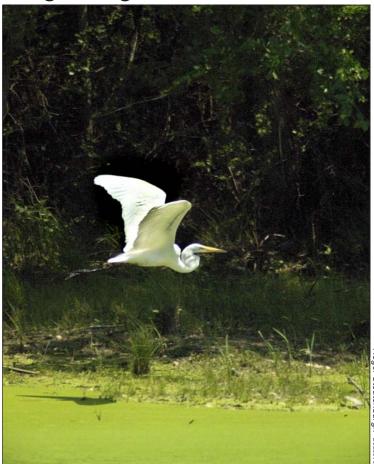
In Appreciation

Thank you to my friends at BNL who have made my work in Staff Development so enjoyable throughout the years. I will miss you all. - Marilyn Pandorf

Farewell Gatherings

Retirement Party - For Anne Corr & Rich Eggert. Thurs. 8/4, 5:30-9:30 p.m., Majestic Gardens, 420 Rte. 25A, Rocky Point. \$38/ person incl. hors d'oeuvres, dinner buffet, dessert, coffee, gift. RSVP by Friday, 7/29, April Gray, Ext. 2459, Joann Reed, Ext. 7009.

Going Fishing



A great egret seen last week at about 3 p.m. on site at Weeks Pond.

