

Lab Director Holds All-Employee Meeting



Joseph Rubino 00860705



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Speaking to a filled Berkner Hall 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

world-leading successor to the 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 go-ahead 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 CFN is important not just be-

cause of the role it will play in 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)

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 Lyman, 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 Labo-

ratory, 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

Ivan Bozovic, Materials Science Department (MSD), synthesizes and studies cuprates — copper-oxide compounds that show superconducting properties at

163 degrees Kelvin, the highest temperature of any known material at which superconductivity is exhibited. Superconductors, which are materials with no elec-

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



Roger Stoutenburg 02260605

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



Joseph Rubino 00420705

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.



Joseph Rubino 00390705

Hot, 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."

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

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. Registration 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: 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/toastmasters/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 the apartment area 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 Bernholz, 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 SciCenter will feature a hands-on 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 OF 8/1 —

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

(cont'd.)

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 high-temperature superconductors, clinical trials of the addiction-treatment 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.

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 Longworth, 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 Longworth 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-scenes 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 being 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



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.



Joseph Rubino A00107025

Joseph Rubino A0070702

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.

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.

Stony Brook University Student Awarded 2005 Gertrude Scharff-Goldhaber Prize



Joseph Rubino 0000065

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

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 Science in Management with Concentrations in Organizational 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 Music Festival

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.

