

Lab Director Recognizes Achievements, Warns of Difficult Budget Year

Highlighting the Lab's recent achievements and warning about challenges that lay ahead, Director Sam Aronson provided a wide-ranging Laboratory update at the all-employee meeting on September 24.

Aronson began with a safety update, pointing out that even though injuries are still occurring at a rate of two per week, and the number of reportable and days away, restricted, or transferred (DART) cases is higher than the goal set by DOE, severe injuries at the Lab this year decreased by 45 percent.

"I consider this a success," Aronson said to the audience, which included those packed into Berkner Hall and more than 450 webcast viewers. "I'd really like to know what you think contributed to this improvement."

Aronson then discussed BNL's role in building the Large



Sam Aronson

Hadron Collider, a massive particle accelerator in Switzerland that started up earlier this month; the decommissioning of the High Flux Beam Reactor, expected to be slightly delayed because of small review findings; and the status of the National Synchrotron Light Source II (NSLS-II), which is set to receive Critical Decision-3 (CD-3) status early next year.

"NSLS-II is a very important part of our future," Aronson said. "This project is a testament to the phenomenal project team here and strong support by the Office of Science and elected representatives."

After detailing some of the Lab's open management positions — which range from New York Center for Computational Sciences Director to Human Resources Director — Aronson recognized the numerous employees who recently received awards and honors, unable to read all of the names because of the sheer number.

Next, Aronson provided the budget outlook for fiscal year 2009, which he described as "cloudy." One thing is certain, he said: there will be a continuing resolution based on 2008 funding levels, most likely to last for six months, but with the possibility of staying in place throughout the year.

See *Meeting* on pg. 2



Joseph Rubino D0360008

Carlos Martinez (right), Rosa Rodriguez Bernabe (center), and Emilio Mendez (left) at the Center for Functional Nanomaterials

Spanish Science, Innovation Leaders Learn About BNL's Research Programs

The Lab welcomed international guests Carlos Martinez, Spain's Secretary of State, Ministry for Science & Innovation, and Rosa Rodriguez Bernabe, Spain's Associate Director of International Programs for the Ministry of Science and Innovation, for a visit on August 27.

Said Center for Functional Nanomaterials Director Emilio Mendez, who helped organize the event, "Our visitors were very impressed by BNL's facilities and its broad research program, and expressed an interest in scientific collaborations between BNL and Spanish institutions. I see this visit as the seed of a fruitful joint program in areas of common interest, including biomedicine and nanoscience for energy applications."

Greeted by Mendez and BNL Director Sam Aronson, the visitors toured the STAR detector at the Relativistic Heavy Ion

Collider with Associate Laboratory Director for Nuclear & Particle Physics Steve Vigdor, and Timothy Hallman and Ramiro Debbe of the Physics Department; the X-Ray Gamma detectors with Ralph James of the Nonproliferation & National Security Department; the National Synchrotron Light Source (NSLS) with Cecilia Sanchez Hanke of the NSLS Department; and the Positron Emission Tomography Imaging facility with Joanna Fowler, Brookhaven Center for Translational Neuroimaging Head, and Richard Ferrieri, Medical Department.

The international guests also discussed programs and initiatives with Creighton Wirick, Interim Associate Laboratory Director for Energy, Environment & National Security, and Jorg Schwender and Bill Studier of the Biology Department.

— Joe Gettler

Five BNL Scientists Awarded Tenure

Brookhaven Science Associates (BSA) granted tenure effective August 1 to five Brookhaven scientists. They are: Michael Blaskiewicz, Collider-Accelerator Department (C-AD); Jamie Dunlop, Physics Department; Alexei Fedotov, C-AD; Etsuko Fujita, Chemistry Department; and Huilin Li, Biology 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."

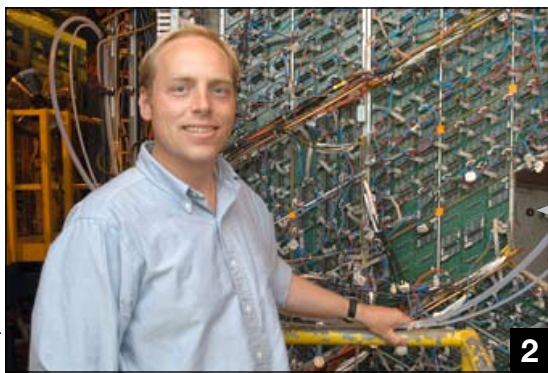
Tenure appointments are granted by action of the BSA Board after a rigorous selection procedure overseen by the BSA Science & Technology Steering Committee. In making tenure decisions, the BSA Board is advised by members of the Brookhaven Council, an elected body that advises the Director on matters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

A description of the accomplishments of each of the five recently tenured scientists will follow, starting this week with Blaskiewicz and Dunlop.

Read about BNL's newest tenured scientists in this issue and in the coming weeks



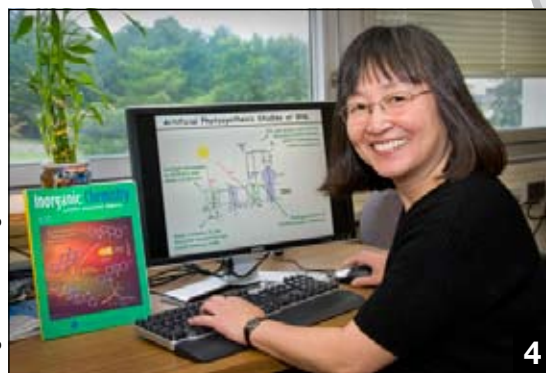
Roger Stoutenburgh D1070908



Joseph Rubino D0240908



Joseph Rubino D0220908



Roger Stoutenburgh D1020908



Roger Stoutenburgh D0121104

1. Michael Blaskiewicz, Collider-Accelerator Department (C-AD)
2. Jamie Dunlop, Physics Department
3. Alexei Fedotov, C-AD
4. Etsuko Fujita, Chemistry Department
5. Huilin Li, Biology Department

Tenure Profile Michael Blaskiewicz

Michael Blaskiewicz, a physicist in the Collider-Accelerator Department (C-AD), has won tenure based on his significant contributions to BNL's mission of designing, constructing, and operating complex user facilities and his extensive experience in the field of accelerator physics.

"Michael has established himself as an outstanding accelerator physicist whose original scientific work, publications, and leadership are internationally recognized," said Derek Lowenstein, C-AD Chair. "He has a broad knowledge of accelerator physics, as well as a deep understanding of the technology constraints in applying it to operating machines. His work is

characterized as sophisticated, innovative, accurate, and reliable, and he is regarded as a world expert on issues of beam stability in high-intensity particle accelerators."

Blaskiewicz received his Ph.D. in physics from Cornell University in 1991. Immediately following graduation, he joined Brookhaven as a Fellow in Accelerator Technology at the Alternating Gradient Synchrotron (AGS). He was hired as an assistant physicist in 1992, promoted to associate physicist in 1994, and then promoted to the rank of physicist in 1996. In 1999, he was made a physicist with continuing appointment.

See *Blaskiewicz* on pg. 2

Tenure Profile Jamie Dunlop

Jamie Dunlop has been promoted to physicist with tenure for his key contributions to the important early discoveries at the Lab's Relativistic Heavy Ion Collider (RHIC), through his leadership role in the STAR scientific program. Citing also Dunlop's recent front-line role in developing the physics case for electron-ion collisions in a future eRHIC facility and his continued visibility in the international scientific effort for RHIC, Physics Department Chair Thomas Ludlam said, "We see Jamie as one of the key scientific leaders for Brookhaven's long-term program in nuclear physics."

Dunlop has been a principal contributor to high-momentum

physics capability at STAR — a function for which the detector was not originally designed.

"It was Jamie who played the central role in adapting STAR for these measurements, which were essential in establishing the case for 'jet quenching' at RHIC," Ludlam said. "This had a huge scientific impact and was a 'transformational' development for STAR, putting it on its present path as an instrument of high rate capability sensitive to the rare processes that are the substance of the planned RHIC II research program."

Additionally, Dunlop has been a scientific leader in laying out the multiyear physics

See *Dunlop* on pg. 2

CALENDAR
OF LABORATORY EVENTS

- The BERA Store in Berkner Hall is open weekdays from 9 a.m. to 3 p.m. For more information on BERA events, contact Andrea Dehler, Ext. 3347, or Christine Carter, Ext. 2873.
- Additional information for Hospitality Committee events may be found at the Lollipop House and the laundry in the apartment area.
- 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, Intermed., Adv. classes, various times. All welcome. Learn English, make friends. See www.bnl.gov/esol/schedule.html for schedule. Jen Lynch, Ext. 4894

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

Mondays & Wednesdays: Pilates
12:15-1:15 p.m. Mons.; 5:15-6:15 p.m. Mon. & Wed. Rec. Hall. \$65/once/wk., Ext. 5090

Mondays & Thursdays: Kickboxing
\$5 per class. Noon-1 p.m. in the gym. Registration is required. Ext. 8481

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

Tuesdays: Hospitality Coffee
10:30 a.m.-noon, Rec. Hall lounge. Restarts 9/9. All welcome. Ext. 5090

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

Tuesdays: Knitting Class
2 p.m. Rec. Hall. All levels of skill. Ext. 5090 for information

Tuesdays: Jiu Jitsu
6:30-7:30 p.m. Gym. All ages, 6 yrs. to adult. \$10/class, pay as you go. Tom Baldwin, Bldg. 452, Ext. 4556

Tuesdays: Toastmasters
1st & 3rd Tuesday of month, 5:30 p.m., Bldg. 463, Rm 160. Guests, visitors welcome. www.bnl.gov/bera/activities/toastmasters/

Tue., Wed. & Thurs.: Rec Hall Activities
5:30-9:30 p.m. General activities, TV, ping pong, chess, games, socializing. Christine Carter, Ext. 5090

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

Tuesday & Thursday: Aerobic Fitness
5:15 p.m., Rec. Hall. 10 classes for \$40 or \$5 per class. Pat Flood, Ext. 7866, flood@bnl.gov

Tuesday & Thursday: Aqua Aerobics
5:30-6:30 p.m., Pool. Starts Tues., 9/9; Thurs., 9/11. 8-wk session, \$20/once/wk, \$40/twice/wk. Mail chk to BERA.

Wednesdays: On-Site Play Group
10 a.m.-noon. Rec. Hall. Infant/toddler drop-in event. Parents meet while children play. Restarts 9/10. Petra Adams, 821-9238

Wednesdays: Ballroom Dance Class
B'haven Center, N. Ballroom. Instructor: Giny Rae. Starts September 12 and 19. Ext. 3845

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

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

Wednesdays: LabVIEW
1:30-3 p.m., Bldg. 515, 2nd fl. Seminar Rm. Free technical assistance from LabVIEW consultants. Ext. 5304

Thursdays: BNL Cycletrons Club
Noon-1 p.m., First Thurs. of month. Berkner, Rm. D. Toni Hoffman, Ext. 5257

Thursdays: Reiki Healing Class
Noon-1 p.m., Call for location. Nicole Bernholz, Ext. 2027

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

Fridays: Family Gym Night
5-8 p.m. Family gym activities. Free

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

The BNL Food Drive Needs Your Support



Please place canned goods in the Food Drive bins around the site buildings.

Meeting from pg. 1

“This is going to be a problem for us,” he said, adding that one of the greatest impacts of such a budget scenario could be on NSLS-II, “the biggest project in the DOE portfolio that would have permission to construct and no money to start construction.” A lengthy continuing resolution also could impact planning for the Relativistic Heavy Ion Collider (RHIC) and the future of the Science Laboratories Infrastructure program.

“This is just a storm watch,” Aronson said. “It’s not here, but it may be headed this way.”

Aronson then highlighted the Laboratory’s 10-year plan, a “living document” that was presented to DOE’s Office of Science in May and focuses on the science conducted at BNL’s two largest user facilities: RHIC and the NSLS – later to be replaced by NSLS-II. Along with Deputy Director for Science and Technology Doon Gibbs, Aronson plans to host directorate-level meetings in the coming months to discuss details of the plan.

“This is a one-body problem,” Aronson said. “It’s important that we have a single lab-wide view of what’s good for Brookhaven, not just what’s good for each directorate.”

After discussing several efforts Brookhaven is leading within DOE’s national lab system, Ar-



Roger Stoutenburgh xxxxxx

onson gave an update on the Lab’s contract re-competition. In 2006, DOE announced that it would re-compete contracts for Brookhaven, the Princeton Plasma Physics Laboratory, and the Stanford Linear Accelerator Center. Since then, the contract for Brookhaven Science Associates (BSA) was extended by one year to January 2009, with an option to extend it for an additional year after that. Recently, Aronson said, BSA partners have agreed on a re-competition plan, and DOE has begun drafting a request for proposals from all potential managers.

“We don’t know who is competing other than BSA,” Aronson said. “But we have to put our best foot forward and explain the last 10 years. We don’t want to lose this competition.”

Next, Aronson detailed several projects and activities

that are “works in progress,” including: New York Blue, now running with 95 percent utilization; negotiations with the New York Power Authority to stabilize rates and secure a long-term contract; the formation of a research alliance between Brookhaven, Stony Brook University, and Cold Spring Harbor Laboratory; the Joint Photon Sciences Institute, which is progressing through the planning stages and still needs to secure the remaining \$20 million promised from New York State; and a solar energy project with the Long Island Power Authority (LIPA), in which Brookhaven and DOE have agreed to provide up to 287 acres of land for up to 40 megawatts of renewable energy through solar production. If selected for the solar project, Brookhaven and the developer would partner on analysis of the system’s performance as well as on education and outreach, Aronson said.

“This could serve as a showcase for solar power on Long Island,” he said, adding that LIPA will make a site selection later this year. “This would be great for Brookhaven and I’m really looking forward to this happening.”

Aronson concluded the meeting with questions from the audience and a request for feedback from Lab employees, through the BNL webpage, emails, or in person.

Blaskiewicz from pg. 1

Blaskiewicz has contributed to the design, analysis, and operation of four C-AD facilities and projects: the AGS Booster, AGS upgrade to function as a high-intensity accelerator and as an injector for the Relativistic Heavy Ion Collider (RHIC), accumulator ring of the Spallation Neutron Source, and RHIC.

Recently, Blaskiewicz designed a groundbreaking way to achieve higher collision rates at RHIC through a beam-feedback

technique known as stochastic cooling. Although this approach has been used in specialized, low-energy accelerators, it has never been made to work at high energy with tightly bunched beams such as RHIC’s — until now.

“This extraordinary achievement has earned Michael worldwide recognition for the first ever success of cooling beam in a high-energy collider, and justifies by itself promotion to tenure,” Lowenstein said.

— Kendra Snyder

LIANS Dinner Meeting, 10/7

Invited Speaker Gerhart Friedlander will recall the Manhattan Project

At the next dinner meeting of the Long Island Chapter of the American Nuclear Society (LIANS) on Tuesday, October 7, the invited speaker will be Gerhart Friedlander, who will talk on “Reminiscences of the Manhattan Project.”

The meeting will be held at South Shore Restaurant, 388 Medford Ave., Patchogue, (631) 475-7926. Complimentary appetizers/cash bar will start at 6 p.m., dinner at 7 p.m., and Friedlander’s talk at 8 p.m. The cost is \$20/person. Reserve by Monday, October 6, with Arnie Aronson, Ext. 2606.

Gerhart Friedlander was Chairman of the BNL Chemistry Department 1968 to 1977, and he is currently Senior Chemist Emeritus. His principal research interest has been in high-energy nuclear reactions. He is the senior author of the widely used textbook *Nuclear and Radiochemistry* and is a member of the National Academy of Sciences and the American Academy of Arts and Sciences.



Joseph Rubino A00707021

Rhythm & Blues Revue — Riverhead Style, 10/18

A rhythm and blues concert featuring musicians from the Riverhead area is scheduled in Berkner Hall on Saturday, October 18, at 8 p.m. Sponsored by the BNL Music Club, the revue will feature the band Blues House as well as surviving members of The Moroccos. The concert is open to the public. All visitors to the Lab age 16 and over must bring a photo I.D.

Blues House is a local band led by BNL’s own George Bostick. Their set list contains mainly Chicago blues tunes from well-known artists like Muddy Waters, as well as some original songs written by Bostick. Scheduled to appear with Blues House is seasoned rhythm and blues master Sonny Henderson,

the lead guitarist from the 1960s Riverhead-based band, The Moroccos. Bostick, who is a personal friend of Henderson, said, “I learned chops (guitar runs) from Sonny. He was an inspiration and a true mentor to me. It will be an honor to play guitar standing next to him.”

The Moroccos were cousins who started their career in the late 1950s by playing at school dances. Over the years, Henderson and the band also played at many local venues, including routine gigs at The Bluebird, one of the hottest clubs in Riverhead in the 1960s; Dave’s Diner; and the 5’s in Bridgehampton. Their early set list included the music of well-known musicians

Arrivals & Departures

— Arrivals —

Michael Dubois..... PPM
Ariston Lisante.....ITD
Gerardo Reyes Jr.....ITD
Jonathan Sadowski.....ITD
Xiaojian Wang.....Chemistry
Fan Yang.....Chemistry

— Departures —

Imke Bodendiek..... NSLS
Vladimir Butko..... CMP&MS
Mei Han Chou.....Chemistry
Elena Lymar.....Biology
Anthony Millet..... Fac. & Ops
Richard Pena..Deputy Dir. for Ops
David Robbins...Safety & Hlth Svcs
Lisa Saum-Manning..... NNS
Enno Scholz..... Physics
Harmen Warringa..... Physics

In Memoriam

Robert Walton, who joined Photography & Graphic Arts as a photographer on April 2, 1947, and retired as Photograph Supervisor on April 30, 1988, died at age 82 on July 26, 2008.

Ping-Chun Wang, who joined the then Department of Nuclear Energy as a mechanical engineer on March 1, 1980, died on September 2, 2008. He was 88. He retired as a senior research engineer on January 31, 1996.

Dunlop from pg. 1

priorities for utilization of beam time at RHIC. “In the current period of very constrained budgets and reduced beam time, this process is extremely challenging yet central to the scientific agenda for RHIC,” Ludlam said.

Dunlop also helped formulate and articulate the scientific foundation for the Electron Ion Collider, or eRHIC, effort at Brookhaven, as one of the cadre of BNL scientists preparing the physics case presented to the Nuclear Science Advisory Committee last year.

Dunlop earned his Ph.D. from the Massachusetts Institute of Technology in 1999. He then joined Yale, working on the STAR experiment, and was promoted to associate research scientist in 2002. He came to BNL in 2003.

— Karen McNulty Walsh



The Moroccos. Top row from left: the late Roland Wilson, Al Allen, Waddie Bolling. Bottom row, from left: the late Tommy Carter, Sonny Henderson, Melvin Robinson.

such as Chuck Berry, B.B. King, and Chubby Checker. Later, the group extended their play list to include songs by artists such as Otis Redding and James Brown.

Other distinguished guests expected to perform and jam at this revue include Ralph Boardman on sax and keyboard, Big Al Allen on sax, Waddie Bolling on drums, Melvin Robinson on guitar, and Curtis Highsmith and Dave Mann on vocals.

Tickets for the show are \$15 in advance and \$20 the day of the show. Buy tickets at the BERA Store in Berkner Hall, through www.ticketweb.com, or at the door. Advance ticket purchase is recommended.

— Jane Koropsak

BNL’S 2008 HEALTHFEST MONTH

BNL’S CELEBRATION OF HEALTH, FITNESS, AND SAFETY

Welcome to BNL’s annual Healthfest Month. During the month of October, the Laboratory has many events to promote health, fitness and safety. Refer to the calendar for dates, times, and registration requirements. New exhibitors for the Healthfest Fair include the Wading River Fire Department (smoke, fire and wind simulator), Saf-Gard Safety Shoe Company, Aearo Technologies (safety glasses), Vision Care Program — Wal-Mart, and BNL’s Human Performance Improvement Initiative. Healthfest 2008 is sponsored by Brookhaven Science Associates and brought to you by Healthfest co-chairs Michael Thorn and Denise DiMeglio of the Human Resources & Occupational Medicine Division.

Bring your co-workers and have fun!

Monday (10/6)	Tuesday (10/7)	Wednesday (10/8)	Thursday (10/9)	Friday (10/10)
Screenings for Depression (all week) Time: By appointment Call: The Employee Assistance Program (Ext. 4567)	Seminar: Decreasing Your Carbon Footprint Time: Noon–1 p.m. Location: Berkner Hall, Room B		Table Tennis Tournament Time: 5 p.m. Location: Bldg. 317	Mountain Bike Ride* 5 or 8 mile routes** Time: Noon–1 p.m. Location: Gazebo by the Ball Fields
Monday (10/13)	Tuesday (10/14)	Wednesday (10/15)	Thursday (10/16)	Friday (10/17)
	Massage Day 10-minute massage Time: 11 a.m.–2 p.m. Location: Berkner Hall Room B	Seminar: Arthritis Time: Noon–1 p.m. Location: Berkner Hall Auditorium	Advanced Table Tennis Tournament Time: 5 p.m. Location: Bldg. 317	Fitness Run*** 5 kilometers (3.1 miles) Time: Noon–1 p.m. Location: Outside Bldg. 463

* Mountain Bike Ride Raindate: 10/15 ** Bring your own mountain bike and helmet *** Fitness Run Raindate: 10/24

REGISTER

Register online for the events at <http://intranet.bnl.gov/healthfest/>. If you do not have computer access, contact Michael Thorn, Ext. 8612 to register. We encourage you to participate in the Healthfest events. You will receive a Healthfest T-shirt at the athletic events on a first-come, first-served basis.

BERA Trips

BERA offers the following trips, but see also www.bnl.gov/bera/recreation/events.asp. Buy tickets at the BERA Store in Berkner Hall.

Doctor Atomic, Sat., Nov. 8. The Metropolitan Opera presents *Doctor Atomic*, an opera by

John Adams about a gripping story that changed the course of history with the development of the atomic bomb. 1 p.m. matinée. Orchestra Rear \$130/person, Balcony \$90. The coach will leave BNL at 9 a.m., and will depart NYC after the show, about 4:30 p.m. Age 14 and over only. The Graduate

Center, 365 5th Ave. at 34th St., offers several interesting talks in October on *Doctor Atomic* topics. Obtain list from lseubert@bnl.gov or Ext. 2346.

Radio City, Sunday, December 7. Join the trip to enjoy the holiday extravaganza at Radio City Music Hall in New York City. The cost is \$85 per person.

The coach will leave BNL at 8:30 a.m. and will leave Radio City at 5 p.m. The price includes 2nd mezzanine seats for an 11:30 a.m. show, round trip luxury bus transportation, and free time in the Rockefeller Center area to shop, browse, or have a snack. Buy your tickets now at the BERA Store!

Cruise to Bermuda

This five-day cruise aboard Royal Caribbean’s Explorer of the Seas leaves from Bayonne, NJ, on Saturday, May 23, 2009, and returns on Thursday, May 28, 2009 (Memorial Day weekend). Prices per person start at \$845, based on a double occupancy. Prices include travel insurance, port fees and fuel charges. A \$200 deposit is required at the time of booking per double occupancy. Book before mid-October; prices are expected to increase. Contact Joann Giambalvo, Ext. 7459, for more information or see BERA website: www.bnl.gov/bera/.

Labwide Survey on Deer Management

Message from Tim Green, Cultural & Natural Resources Manager

BNL has been working to address various issues associated with managing the deer population on the Lab property. Earlier this year, an issue and decision paper was presented to the Policy Council. It outlined several options for consideration. The Policy Council requested that we seek additional input from employees and community members prior to planning additional management actions.

This past spring, several meetings were held to gather input; two roundtables were held for employees, and a presentation was given to the Lab’s Community Advisory Council. Those meetings resulted in a suggestion to conduct a survey to gauge the Lab community’s thoughts on deer management.

To meet this request, a Labwide survey has been prepared and was delivered to employees and guests. Response to this survey is an important part of the planning process. Please take a few minutes to answer the questions, fold the survey, and place it in the Lab mail for delivery. Your name need not be included.

— Tim Green

Arthritis Lecture, 10/15

Join Carolyn Villegas, Coordinator of Outreach Services, and Judy O’Shea, Registered Nurse Educator of Brookhaven Memorial Hospital, for a special lecture about arthritis, to be held from noon until 1 p.m. on October 15 in Berkner Hall. The presenters will discuss varying types of arthritis as well as treatments and prevention.

All are invited to attend, but registration is required. To register, contact Michael Thorn, Ext. 8612 or mthorn@bnl.gov.

EAP-Sponsored Talk, 10/8

Early Detection of Breast, Gynecological Cancers

Sponsored by the Employee Assistance Program, Jai Subramani, a medical doctor in BNL’s Human Resources & Occupational Medicine Division, will give a talk in Berkner Hall at noon on Wednesday, October 8, on “Early Detection of Breast and Gynecological Cancers.” All employees and their spouses are welcome. A free raffle will be held and giveaways will be available. To register or for more information, contact nlosinno@bnl.gov and see www.bnl.gov/HR/occmed.

TIAA-CREF One-on-One Retirement Counseling

A TIAA-CREF consultant will visit BNL on Friday, October 10, and Tuesday, October 14, 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, learn about TIAA-CREF retirement income flexibility, and compare life-time income vs. cash withdrawal options. For an appointment, call -866-842-2053, Ext. 26-4025 or schedule on-line at www.tiaa-cref.org/moc.

CALENDAR

Today, Friday, 10/3

Sam’s Club Membership Drive
11 a.m.-2 p.m. Berkner Hall. BNLeers who sign up for or renew membership in Sam’s Club get a \$10 gift card. Annual fee: \$43.45. For more information, call Jessica, 447-0227.

***Folk Concert: James O’Malley**
7 p.m. Brookhaven Center. Sponsored by the BNL Music Club, open to the public. Tickets are \$10 at the BERA Store. See notice, pg. 4.

— WEEK OF 10/6 —

Tuesday, 10/7

***Seminar: Carbon Footprints**
Noon-1 p.m. Berkner Hall, Room B. As part of the Healthfest events, all are welcome to attend this seminar on “Decreasing Your Carbon Footprint.”

Wednesday, 10/8

***Breast Cancer Talk**
Noon. Berkner Hall. “Early Detection of Breast and Gynecological Cancers,” a talk by Jai Subramani, a medical doctor in the BNL Occupational Medicine Clinic. All are welcome. Register ahead with nlosinno@bnl.gov.

Friday, 10/10

***Mountain Bike Ride**
Noon-1 p.m. Gazebo by the ball fields. 5- or 8-mile routes. Bring your own mountain bike and helmet. For registration and other information, see notice at left.

— WEEK OF 10/13 —

Wednesday, 10/15

***Seminar: Arthritis**
Noon-1 p.m. Berkner Hall. All are welcome to this talk on various types of arthritis, as well as treatments and prevention. See notice, left.

441st Brookhaven Lecture
4 p.m. Berkner Hall. Walter Mangel, Biology Department will give this Brookhaven Lecture. All are welcome to this free public talk. Visitors to the Lab or 16 and over must carry a photo ID.

Friday, 10/17

***Healthfest Fitness Run**
Noon-1 p.m. Outside Bldg. 463. 5 kilometers (3.1 miles). Register with Michael Thorn. See notice, left.

Saturday, 10/18

***Rhythm, Blues Concert**
8 p.m. Berkner Hall. BNL’s George Bostick and Blues House, surviving members of The Morroccos, and other distinguished blues performers will perform. Tickets are \$15 in advance, \$20 on the day of the show. Buy them at the BERA Store or www.ticketweb.com. See pg. 2.



One-Body Event
Annual Physics Department BBQ in 510 courtyard, 9/17

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/.

To apply for a position, go to www.bnl.gov. Select "Job Opportunities," then "Search Job List."

OPEN RECRUITMENT – Opportunities for Lab employees and outside candidates.

RESEARCH ENGINEER II/NANO-POSITIONING SYSTEMS (P-7, reposting) – Requires a minimum of a bachelor's degree in engineering or equivalent, and seven years of relevant experience. Must have hands-on abilities and prior experience developing precision positioning systems, preferably for optical or similar applications. Strong education and/or experience in experimental engineering and instrumentation are required. Knowledge of state-of-the-art piezo stages and optical interferometers is highly desirable. Reporting to the High Spatial Resolution Group Leader, the selected candidate will participate in the R&D necessary to meet the technical challenges associated with developing positioning systems with sub-1nm precision for NSLS-II. Responsibilities include: identifying promising approaches to achieving sub-1nm precision, carrying out the necessary R&D to demonstrate the feasibility of these approaches, developing prototypes and ultimately working stages for use by experimenters. May provide work direction to a small staff as needed. Must have excellent written and oral communication skills and be able to interact effectively with a diverse group of scientists, technical staff and beamline users. National Synchrotron Light Source II. ERAP Eligible – \$1,000.00. Apply to Job ID# 4477.

ADVANCED TECHNOLOGY ENGINEER/LINUX SYSTEM ADMINISTRATION (I-7) – Requires a master's degree with three years of relevant experience or a bachelor's degree with a minimum of five years of relevant experience, preferably in computer science or related discipline. The ideal candidate will possess strong Linux administrative skills and have prior experience with open-source batch system software (Condor preferred). Kernel level knowledge of Linux OS and working knowledge of shell scripting are essential. Familiarity with Perl/Python, MySQL, virtualization software (vmware and/or xen), C/C++, experience with web-based (java, php) languages and prior exposure to large Linux-based clusters is desirable. Ability to work in a team-like environment is essential. Responsibilities include daily operation/management of Condor batch system in the Linux Farm cluster, addressing user community requests, carrying out hardware/software installation & upgrades, evaluation of new software/hardware technologies and contributing to the operation of general services in the facility. Physics Department. Apply to Job ID# 14633.

Motor Vehicles

06 HONDA MOTORCYCLE 250CC REBEL BLACK - 146 mi. \$2,450. David, Ext. 7484.
03 CHEVY VENTURE - orig. owner, 20/26 mpg, new tires/batt., 8 pass. a/c p/w fr/side air bags. 69K mi. \$6,200/neg. 727-4417.
02 CHRYSLER CONCORDE - new brakes, excel. cond. 78K mi. \$5,900/neg. 365-3143.
01 HYUNDAI - Elantra, new brks/rotrs/drms/wheel/cyls, belts incl. time chn., rr dr dent, 94K mi. \$2,300/neg. Vincent, Ext. 2350.
01 SUBARU OUTBACK WGN - 5spd., cass, cd, a/c, awd, p/w, p/l, alarm, heated seats, nd new gas tank, \$4,500/neg. 874-3652.
00 DODGE NEON - excel. cond., new tires/batt, 33 mpg, a/c, 4dr., white, runs v/well. 101 mi. \$3,995/neg. 902-5129.
00 MAZDA TRUCK - v/gd. cond., a/c, cap, 4cyl. mag wheels, tan, excel. stereo. 60K mi. \$7,000/neg. George, 764-1139.
00 DODGE NEON - 4cyl., gas saver 33mpg, excel. cond, new tires/ batt., a/t, a/c, runs well. 101K mi. \$3,995/neg. 902-5129.
98 HONDA CIVIC LX - orig own, 4d, at, ac, am/fm, c/c, p/w, new fr tires/ exhau sys. 36K mi. \$5,750/neg. Ext. 5343 or 924-9657.
96 AUDI A4 QUATTRO - V6, a/t, htd seats, m/rf, Alpine w/iPod cbl, new Michlins, parts. 136K mi. \$3,750/neg. David, Ext. 7277.
96 HARLEY FLH - 93-CI Sidewinder kit, branch hds, S&S E carb, true dual-exh., 6-spd trans, eng. just rebilt. \$9,000. 664-2444.
95 BUICK CENTURY - price also incl. a '83 Viking camping pop-up trailer, '79 Pearson 23' sailboat. \$3,995. Ext. 2788.

82 HARLEY DAVIDSN XLH SPORTSTER - red, S & S Super E, runs well, extra parts, service & carb mnuals. \$3,000. 484-1153.
GIFT CERTIFICATE - \$75 to Scott Tyler's Automotive in Mattituck, \$50/obo. Ext. 7477.

Boats

23' PEARSON P23K - cruise/racer w/4' draft. price incl. '95 Buick Century, '83 Viking pop-up cam. \$3,995. Ext. 2788.
28' RINKER FIESTA V 260 - clean boat, low hrs, in water, all receipts, head, aft cabin, galley, sleeps 4-5, \$12,000/neg. Ext. 4320.
BOAT - '30's, Circa, old wooden, 18' long w/5hp inbrd; 22' spruce mast., make offer. 849-4708.

Furnishings & Appliances

CAPTAIN'S BED - boy or girl, mint/\$300; lt oak twin trundle bed, \$350; qu. bdrm set, \$700, excel. cond., Tracy, Ext. 4422.
DINING TABLE - Ikea, 2 Bjorkudden dining tables, used 2 yrs, solid birch, \$50/ea. Harmen, Ext. 5805 or 295-7163.
DRAFTING TABLE - 6'x 3' drawing brd, 3 drawer Mayline Deskomatic II w/ K&E drafting machine, ask/\$75. 874-3478.
IKEA SHELVING UNIT NORREBO - solid birch. Used 2 years. 72 7/8"w, 15"d, 78 3/8"h. \$100/neg. Ext. 5805 or 295-7163.
OIL BURNER - Becket, filter, energy efficient unit, \$75. Joe, Ext. 3783 or 487-1479.
REFRIGERATOR - w/bottom freezer, w/ icemaker. Like new, wrong size for new kitchen, \$400. Helga, Ext. 3347.
SEWING MACHINE - Singer w/wood tble, gd. cond, \$35; Hamiltn Beach cool wall rice Cookr/Steamr, \$10; trvl irons, \$5. 949-7412.
IRON & BOARD - \$25. Blck & Dckr Rice Cooker \$20, Ikea flr lamp \$15, Alarm Clock/ Radio \$15. Harmen, Ext. 5805 or 295-7163.
WALL OVEN - Jenn Air, 24"x27" opening w/ black glass front, v/clean, excel. cond., \$100. Helga, 475-6548.

Audio, Video & Computers

35MM SLIDE SCANNING SERVICE - www.pictureperfectscans.com scans & color corrects 35mm slides & converts them to DVD. DVD Music slideshows avail. Port Jeff. 928-6469.
CAMERAS (2) - 35 mm SLR Canon EOS Rebel K2 w/28-80mm zm lens, \$50, Kodk digitl, easyshre Z700 4.0 MP, \$25. Ext. 6306.
DVD PLAYER - Panasonic, LS50, 7" screen, portable, barely used, like new w/access, \$50. 897-7930.
MONITOR - Compaq 19" Flat Screen Mon w/integrated spkr, \$150. Ext. 3884.
PHOTO PRINTER - Epson R280, ultra hi-def, brand new, \$40. Ext. 3485.

Sports, Hobbies & Pets

CAT FOR ADOPTION - Jenny is a young fem. calico cat, abandoned at BNL, needs loving, permanent home. Ext. 3832.
FISH TANK - 20 gal acrylic rectangular tank w/ 2 Aqua Clear filters, \$50. 744-7360.
FISH TANK - 30 gallon glass hexagon tank w/ black stand, lighted lid (no bulb), heater, 2 filters, \$235. 744-7360.
PROWLER TRAVEL TRAILER - '05, 32', sleeps 10, quad bunks, new awning, hHitch & tow bars incl. 807-9916.

Tools, House & Garden

ROTOTILLER - Tecumseh 3.0, Troy-Bilt Tuffy, hardly used, \$100; B&D Circ.Saw w/ blades, \$40; sawhrses, \$10/set. 949-7412.

Miscellaneous

DISNEY'S TIGER COSTUME - size 24-36 mo, worn once, \$15. Ann Marie, Ext. 7007.
ELECTRIC LIFT CHAIR - recline to standing position. Includes massage mode. \$350. 744-8632.
SPRINKLERS - and poly pipe, installs, repairs and winterize. Michael, Ext. 5262 or 284-2277.
WOOD/COAL BURNING STOVE - Scotia; good condition. Best offer. 467-4386.
YAMAHA 385 FLUTE - Intermed. level. Sterling Silver head, open hole. \$450.00. Laura, Ext. 4660 or 631-807-0457.

Yard & Garage Sales

BLUE POINT - 37 Middle Rd. corner of Willyn Rd., multifamily, Oct. 4th, 9am-4pm, gd. quality merchandise. 363-6289.
MILLER PLACE - Garage sale, 269 Oakland Ave., Sat/Sun. Oct 11th & 12th, 8am-2pm, furn, lots stuff. Ext. 7461 or 744-1334.
RIDGE - fundraiser yd. sale, Sat. 10/4, 8:30-4, 38 Sally Lane, lots of new items, furn., collectibles. Susan, Ext. 2828.

Happenings

CONCERT - Transitions Sax Quartet gives benefit concert at St. Louis de Montfort Chapel, Oct.4, 6:30pm. Phil, Ext. 7984.
FUNDRAISER - for john pagano's aka/ CUZ stepdaughter who has cancer, for more info please visit kandyscrusade.com. Ext. 7430.
LONGWOOD LIBRARY - Yvette Malavet-Blum Sings Latin Rhythms, Sunday 10/5 at 2 p.m. Hispanic Heritage FREE CONCERT. Yvette, Ext. 5591.

Community Involvement

HELP SUPPORT AUTISM - The Nutty Irishman Bayshore, Sat 11/8, 5-9 Drink Specials Free Food DJ Raffles 50/50 \$20/cover chrg. Ext. 2067.

Free

COMPUTER DESK BOOK SHELF - lg., gd. shape. Joseph, Ext. 2386.

DRYER - Kenmore. Maurice, 928-6930.
HIGHRISE MATTRESSES - 2, smaller than a twin fits under the twin bed for occasional use, excel. cond. Ext. 2159.
LAWN MOWER - Honda, HR215 model, gd. for parts, extra blades, wheel. Ext. 7505.

Wanted

FEMALE VOLLEYBALL PLAYERS - need a couple of players for Mon. night mixed league. Ken, Ext. 4514.
FIREARMS - new/old/fair, \$\$\$ pd for clean guns. Joe, Ext. 3783 or 487-1479.
VINTAGE VIDEO GAME SYSTEMS - Need to borrow working systems and games for BNL demonstration. Will return. Joseph, Ext. 3584.

For Rent

FARMINGVILLE - Bdrm (14'x16') in Lg house, full kit., l/r, d/r, share bath, incl. cable,wifi, phone. avail 10/1. \$595/mo. Ben, Ext. 5879.
MEDFORD - 3 bdrm house, l/r, kit., d/r, just renovated, 1 mo. sec., util. not incl. \$1,950/mo. 978-6008.
MIDDLE ISLAND - 1 lg remdeld bsmt bdrm. apt, pvt. ent/drwy, phne, cable/int., strictly no pet/smkg, incl. all, 10 min to Lab, BNL employee only. \$900/mo. Istvan, Ext. 7020.
MILLER PLACE - 3 priv. bdrms avail., share lg. house w/female owner, dog drums, keys and DAW! long/short term, \$520-\$600/mo. \$520/mo. 813-9434.
PORT JEFFERSON STATION - sm. 1 bdrm apt., l/r/kit combo, priv. ent., no pets. \$840/mo. 473-4615.
RIDGE - lakefrnt apt., l/r, b/r combo, full bath, eik, grnd. lvl., off st. prkg., own therm., cable/int., incl. all, no smkg/pet. \$975/mo. 379-5866/5868.
ROCKY POINT - 2 bdrm. 1 bath apt., 15 min. drive to Lab, incl. heat and hot wtr., facing south, 2 flrs., offstreet prkg. \$1,200/mo. 649-5800.
SHIRLEY - 1rm, stove, kitnet, full bath, sep ent, tv, elect, int, furn, all incl. 1mo. sec/14 min to lab/5min to stores/beach/LIRR, no smkg/pets. \$700/mo. Regis, Ext. 8321.
SHIRLEY - 1rm, mico kitnet, full bath, sep ent, furn, tv, elect, heat/int/LIRR/incl., 14 min to lab, 5min. stores/beach/LIRR/no smkg/pets. \$650/mo. Ext. 8321.
SHOREHAM - studio apt. eik, walk-in closet, sep. ent., elect/ cable/heat incl, 1 mo. sec, no smkg, 8 mi. to Lab. \$900/mo. 849-2593.
SOUTHAMPTON VILLAGE - new renovated cottage yr. round rental, 2 bdrms. 1.5 baths, completely renov. w/new stainless steel appl., low util. \$2,500/mo. 516-220-1967.

For Sale

BELLPORT - 4-BR ranch, 2 bath; l/r & sep. den w/back-to bk firepl; eik; oak fls; priv. deck, large laundry rm; fin bsmt with 4th BR, bar, bath, 2 more rms; gar, 2 shds w/elctr; sprinklrs. \$375,000 949-7797.
BROOKHAVEN HAMLET - 4bdrm, 2.5bath in historic district, l/r, d/r, eik, den, pantry, Jacuzzi, partial fin. bsmt. on 1.2 priv. acrs, cac, igp, igs, 2car gar. \$730,000/neg. Ext. 2632.
CALVERTON - over 55 com. 3 bdrm 2 bath l/r d/r eik, a/c, extra lg rear deck. \$169,000/neg. James, Ext. 3277 or 369-6026.
CROSSVILLE, TN - 6.12 ac. on Cumberland plateau, cul-de-sac, buff lot w/views, propty backs on Scotts Crk, nr. shops, schls, medical, I-40. \$64,900. Ext. 2377 or 654-8685.
MASTIC - 3 bdrm. rnch, l/r, d/r, eik, cac, oak flrs., all appl. fin. bsmt., 2 car gar, park-like yd., 6 mi. to Lab, many extras. \$325,000 281-3342.
PORT JEFF STATION - 4 bdrm. Col., Three Vill. SD, Minnesauke/Gelinas, gar., Gunite igp, f/p, sunrm/jacuz, 1/3 acre, fen. yd., 2 sheds, new roof. \$450,000/neg. 834-8255.
RIDGE - beautiful 4 bdrm Col., 2½ bath, full fin. bsmt. own sep.ent./w/income potential. All new flooring, kit., pool, huge bckyd., 2 mi. to Lab. \$450,000/neg. 807-9916.

Wanted: BNL Art and Crafts for Fall Show

BNL artists, photographers, sculptors, and crafters — your most beautiful work is needed for the BNL Art Society's upcoming Art and Crafts Exhibit to be held at Berkner Hall from Monday to Wednesday, November 24-26, 11:45 a.m. -1:30 p.m. An evening reception with refreshments will also be held on Monday, November 24, 5 - 7 p.m.

BNL employees, retirees, facility users, guests of BNL, and family members 15 years and older, may all contribute. More than one piece may be entered

by an exhibitor, to be shown as space permits.

Exhibits for the show must be brought to Room C, Berkner Hall, the afternoon of Friday, November 21, 2-4:30 p.m. To be included in the program, complete a form for each work entered and return it by Monday, November 10, to Bob Chrien, Bldg. 510A, or e-mail the information requested below to chrien@bnl.gov. Late entries may be accepted, but your name can only be on the program if your information comes in on time, so please do not forget.

Entry Form for BNL Art, Craft Exhibit, November 24-26

Name: _____ Home Phone: _____

BNL Contact: _____ BNL Ext: _____

Type of art/craft (painting, sculpture, photo, pottery, quilting, etc.): _____

Title of Work (if there is a title): _____

Description (medium, material, size, etc.): _____

Please return to Bob Chrien, Bldg. 510A, or send the same information to chrien@bnl.gov, both by 11/10.



Folk Singer James O'Malley to Perform, 10/3

Contemporary folksinger, guitarist and songwriter James O'Malley will give a concert on Friday, October 3, at 7 p.m. at the Brookhaven Center. Sponsored by the BNL Music Club, the concert is open to the public. All visitors to the Lab age 16 and over must bring a photo ID.

The stories behind O'Malley's songs — some humorous, others introspective — range from a tribute to the rescue workers at the World Trade Center to the adventurous tale of two boys who sneak out of the house at night. His influences include Tim Hardin, who he once jammed with as an 18-year-old, Joni Mitchell, Laura Nyro, Randy Newman, Mickey Newbury, Donovan, and The Beatles.

O'Malley has produced two CDs on his own Gable Wing label and has a third on the way. He has performed at many local venues and music festivals,



including Carnegie Recital Hall, The Brokerage, and the Summer Festival at Heckscher Park, and has been featured on radio stations across the country. Previously a stained glass craftsman, O'Malley is currently a rigging supervisor at BNL.

Tickets cost \$10 and may be purchased at the BERA Store, through www.ticketweb.com or at the door. Advance ticket purchase is recommended.

— Jane Koropsak

2009 BSA Scholarship Alert

Applications for 2009 BSA Scholarships may now be obtained from the Human Resources & Occupational Medicine Division, Bldg. 400B. Completed forms must be sent to BSA Scholarships, Scholarship and Recognition Programs, P.O. Box 6730, Princeton, NJ 08541-6730, by Friday, November 14, 2008. Please submit the yellow copy of the application form to Leesa Allen, Bldg. 400B.

Applicants must be secondary school seniors who will be graduated during the current academic year and entering college by fall 2009. To qualify, applicants must be: children of BNL employees who began regular, full-time, or regular, eligible part-time employment no later than November 14 of this year, and who are employed by BNL at the time the award is announced; or children of retired employees or employees who died while in regular service

at the Lab. Stepchildren are eligible if the employee regularly claims the child as a dependent for income-tax purposes, or if the stepchild has resided in the employee's household for the previous two years before making the application.

All scholarships are awarded competitively and are renewable for up to a total of four years of study toward an academic degree. Selection is made by an independent committee appointed by Scholarships and Recognition Programs in Princeton, NJ.

Thirteen scholarships will be awarded without regard to ethnicity. Two additional scholarships will be awarded to under-represented minorities (Black, Hispanic or Native American) achieving the requirements established for these scholarships.

For more information, contact Leesa Allen, Ext. 2700 or Leesa@bnl.gov.

RIDGE - cust. Victorian, 3,000 sq.ft., mins to Lab, 4/5 BR, 2+1/2 bath, jacuzzi, h/wd flrs, cent. air, full bsmt w/sep ent., 2-car gar, 1 acre+, adjacent to protected land \$549,000/neg. 255-8445.

SHOREHAM - 4 bdrm., 2.5 bath Colonial, frml l/r & d/r, den w/fp, lg. kitchen w/dinette, fin. basement, deck., igs, SWRSD, more, 7 mi to Lab. \$529,000/neg. Ext. 2253 or 821-3320.