

Interim Director Sam Aronson Holds First All-Employee Meeting



Roger Stoutenburgh D2220506

A grey sky and steady drizzle did little to dissuade employees from filling Berkner Auditorium on Friday, May 19 to hear Interim Director Sam Aronson give his first "all hands" talk since taking the helm on May 1. The meeting was decidedly upbeat, as Aronson focused on the progress of the Lab's priority projects, the promising budget outlook for FY'07, and two major new state-funded initiatives.

Importance of Safety

BNL has seen several safety incidents in recent weeks, so it was no surprise that Aronson began and ended the meeting by talking about safety. He discussed the arc flash incident at the Relativistic Heavy Ion Collider (RHIC), and the rolling lessons-learned meetings that have been held across the Lab in response.

Aronson said that the Lab is beginning to look at safety using a "human factors"

philosophy — keeping the focus on the causes of an accident and the actions or deficiencies that led to it. "I'm not saying that there won't be any more punishment — and if there are willing or repeat violations of our policies, then an employee will be punished," he explained. "But most of the time, we are looking at the other errors that lead to accidents that are related to the conditions we set up."

Strong Science Support

The Lab's science was the feature of this meeting, however, and Aronson quickly moved on to BNL's "very strong science agenda." His job is to advance that agenda, he said, and that responsibility is one shared by every employee. "We need good relationships with the Department of Energy and our Congressional delegation, with the State, facility users, and collaborators, as well as the local community," Aronson said. "We also need to maintain a good relationship with our BSA management team, and to take advantage of their desire to help us reach our goals."

Aronson touched on the positive outlook for BNL represented by the FY'07 budget (which includes \$45 million for NSLS-II and full *(continued on page 2)*

At the NSLS and CFN Annual Users' Meeting, 'A Remarkable Spring' Promises Increased 2007 Funding

Brookhaven is positioned to be a key player in U.S. energy research, thanks to an unexpected rise in the projected funding for DOE's Office of Science programs in 2007. At the first-ever joint meeting of the user communities for the National Synchrotron Light Source (NSLS) and the Center for Functional Nanomaterials (CFN), Interim Laboratory Director Sam Aronson said that the Lab's highest priority is the design and construction of the National Synchrotron Light Source-II (NSLS-II), which together with the CFN will give BNL a unique and powerful set of research tools for this field.

"In looking forward, the NSLS-II will allow our science to continue to flourish and expand, and keep the U.S. in the forefront of light source science," Aronson said. Citing Brookhaven's expected contribution to energy research, he said that work here at the NSLS, the CFN, and the new light source "will be vital to that effort for the U.S. economy and energy security" — all made possible by DOE's vision and funding support.

A rosy future was forecast for all of Brookhaven's user facilities as Aronson welcomed participants including DOE Director of Basic Energy Sciences Pat Dehmer and U.S. Representative Tim Bishop. In discussing future goals, Aronson said the Lab has an "extremely strong science agenda in terms of ongoing research and plans for new facilities that will maintain Brookhaven as a leader in world science," and commented that user meetings are important places in which to foster new research collaborations.

"The NSLS is one of the most productive light sources in the world," he said, "and for that, we must thank the user community and the NSLS staff."

While BNL scientists will continue their research into the origins of the universe, Aronson concluded, DOE's forward-looking investments in user facilities "will eventually change the face of the Laboratory. The completion and operation of the CFN and NSLS-II will profoundly change the balance of research here."

Last fall, DOE granted "Critical Decision Zero" (CD-0) status to NSLS-II, the planned world-leading successor to the NSLS. Later this year, Critical Decision One (CD-1) will approve a construction plan and a definite site decision will be made.

Search for New Director

Stony Brook University (SBU) Provost Bob McGrath, who is also SBU Vice President for Brookhaven Affairs and on the Board of Brookhaven Science Associates (BSA), the company that manages BNL, gave an update on the search for a new Laboratory Director. The search committee has created a list of potential candidates and is contacting key individuals of interest. McGrath said that the committee has a list of 40 people and will begin serious interviews with 10 of those candidates. The committee expects to have a recommendation to BSA in September.

ator's advantages — compactness, a higher repetition rate, and expected cost savings — were compelling, the idea was abandoned due to technical difficulties. *(continued on page 2)*

American Competitiveness Initiative

DOE's Pat Dehmer outlined events that occurred during what she termed "a quite remarkable spring" that led to the Laboratory's bright future outlook. Focusing on the rollout of the American Competitiveness Initiative (ACI), which she called "great news for the physical sciences," Dehmer explained that the ACI doubles funding for the Office of Science over the next 10 years. One ACI focus area is the tools of science, described as "unique, expensive, large-scale tools beyond the means of a single organization."

Dehmer had anticipated that funding for Office of Science programs would be flat or would decline slightly, but when the ACI was announced during the President's State of the Union speech in January, this projected funding was increased by 25 percent, in large part because the Office's work "aligns almost 100 percent with the ACI goals."

While Dehmer was optimistic about the construction of the NSLS-II, she cautioned that the project would have a long construction life, which will be filled with unanticipated challenges.

She concluded her remarks by urging employees and users to contact their congressional representatives and committee members of other institutions to thank them for their support in improving the funding picture.

Speaking after Dehmer, Congressman Tim Bishop found the administration's proposed investments in science "encouraging indeed." Citing the FY'06 budget language stating that it is the "sense of the Congress" that NSLS-II be built at BNL, Bishop pledged to continue pushing for that result.

Bishop said the full funding of the CFN is also a testament to the faith that the Office of Science *(continued on page 2)*



Robert McGrath



Patricia Dehmer



Tim Bishop



Steve Dierker



Doon Gibbs



Chi-Chiang Kao

Advanced Accelerator Issues Discussed At International FFAG-2006 Workshop

BNL's Collider-Accelerator (C-A) Department held the Semi-Annual International Fixed-Field Alternating-Gradient (FFAG) 2006 Workshop at the Danford's Marina and Inn in Port Jefferson, May 15-19. The meeting, attended by about 50 participants from BNL, Europe, Japan, Canada, and US industries and institutions, was the latest in a series of international workshops on FFAG initiated several years ago and held semi-annually. The last workshop was held in Osaka, Japan, December 5-9.

The concept of the FFAG accelerator was developed about a half century ago in pioneer-

ing work by T. Ohkawa, D. W. Kerst and K. Symon. As the name itself says, FFAG accelerators are able to accelerate particles in a magnetic ring that has a bending field constant in time. Thus magnets do not need to be ramped, eliminating several engineering issues with power supply and vacuum systems. For the same reason, these accelerators can accelerate particles very fast and the beam needs to spend only a brief period of time circulating, guaranteeing its stability and minimizing losses.

A few prototypes were developed during the early 60s, but although the new acceler-



Roger Stoutenburgh D3140506

2006 RHIC & AGS Annual Users' Meeting

June 5-9

The Relativistic Heavy Ion Collider (RHIC) & Alternating Gradient Synchrotron (AGS) Annual Users' Meeting will include three days of topical workshops followed by two days of plenary sessions on Thursday, June 8, and Friday, June 9. The plenary program will include the latest results from RHIC, AGS, and NASA Space Radiation Laboratory; reports from Washington; elections; awards; an Open Forum Meeting; thesis awards; poster session with prize for best student/post-doc poster; and a banquet. Workshops are scheduled Monday through Wednesday. An End-of-Run Party will follow the plenary session on Friday afternoon at 4 p.m. in the Building 510 courtyard.

For more information, with a complete list of workshops, go to http://www.bnl.gov/rhic_ags/users_meeting/.

CALENDAR

OF LABORATORY EVENTS

— THIS WEEKEND —

Sat.-Sun., 5/28

Gym & Swimming Pool Closed

The gym and swimming pool observe summer hours as from this weekend, both are closed on Saturdays and Sundays through Labor Day, September 4.

— WEEK OF 5/29 —

Monday, 5/29

Memorial Day, Lab Closed

The Lab will be closed today in observance of the Memorial Day Holiday. No Bulletin will be issued this week.

Wednesday, 5/31

*Noon Recital, Euclid Quartet

Noon. Berkner Hall. The Euclid Quartet string ensemble will perform works of Mozart and Debussy. All are welcome to this free concert, sponsored by BSA. Visitors to the Lab of 16 and over must carry a photo ID.

Sunday, 6/4

*Hospitality Bus Trip to NYC

9 a.m. Recreation Hall in apartment area. All are welcome to join the trip. The coach leaves at 9, drops off participants at Bryant Park near the New York Public Library and leaves NYC at 6 p.m. \$10 adults, \$5 for children ages 2-12. Pay on 5/31 at Rec. Hall, 11 a.m.-noon. Jing Rochman, deshanghai@yahoo.fr or 891-9430.

— WEEK OF 6/5 —

Tuesday, 6/6

Retirees' Get-Together Lunch

Noon-4 p.m. Bellport Country Club. Good food, prizes, surprises, entertainment. Visit www.brea.bnl.gov for details.

Wednesday, 6/7

HSBC Demo

11 a.m.-2 p.m., Berkner Hall. HSBC will present BNLers with information on their banking services (no-fee banking, 4.5 percent savings account, and more) for national and international customers. Michelle, 752-4324.

WEEK OF 6/12

Tuesday, 6/13

Sam's Club Visit

11 a.m.-2 p.m. Berkner Hall lobby. Sam's Club representatives will offer two membership cards at \$43.45 for new members. A shopping event will also be held for BNLers at Sam's during November.

Wednesday, 6/14

BSA Noon Recital

Noon. Berkner Hall. Soprano Mihaela Buhaiciuc, clarinetist Bogdan Scurtu, and pianist Mei Zhu will perform in a concert sponsored by BSA. All are welcome. Visitors to the Lab of 16 and over must carry a photo ID.

WEEK OF 6/19

Wednesday, 6/21

Brookhaven Lecture

4 p.m. Berkner Hall. Dax Fu of the Biology Department will talk on "Molecular Design of a Metal Transporter." All are welcome to this free lecture. Visitors to the Lab of 16 and over must carry a photo ID.

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

All-Employee Meeting

and CFN construction), and said the goodwill felt towards BNL was readily apparent during his recent trip to Washington, DC, where he met with Office of Science Director Ray Orbach; Pat Dehmer; Senators Chuck Schumer and Hillary Clinton; Congressmen Tim Bishop, John Sweeney and Sherwood Boehlert; and the Office of Management and Budget's Joel Parriott. "All of them support the Lab, have a positive view of it, and look forward to that continuing," he said.

Aronson added that arrangements are in the works to bring Secretary of Energy Samuel Bodman to BNL in the next month or two. He also recounted the strong relationship the Lab has built with New York State over the past two years, which is being translated into concrete commitments to a State investment in Brookhaven — including \$26 million for a BlueGene supercomputer in this year's budget and a promise of \$30 million for a building to house the Joint Photon Sciences Institute, assuming that NSLS-II is approved.

"We really have great support now," said Aronson. "Governor Pataki is meeting with the Secretary of Energy, and we hope to host a visit from Governor Pataki as well."

According to Aronson, the BlueGene computer will be the backbone of future computational science at BNL, giving researchers 100 teraflops of computing power to start, with potential upgrades down the line. "Praveen [Chaudhari, former Lab director] hoped, and I do too, that this grows into something larger. The first step is to get it up and running, and find a leader for this area," he said.

Current Projects

In terms of current projects, Aronson detailed the progress being made on construction of the CFN and Research Support Building, the success of the first joint NSLS/CFN Users' Meeting, and the impressive status of the current polarized proton run at RHIC. "The RHIC run is going exceptionally well, with new luminosity and polarization records being set," he said.

Aronson then moved to the biomedical imaging program, "one of the crown jewels of BNL." He introduced the new ALD for Life Sciences, Fritz Henn, and thanked Deputy Director Peter Bond for serving as acting ALD and then taking on his newest role, filling Sam's shoes in an

interim role as ALD for High Energy & Nuclear Physics.

In terms of basic energy sciences and energy research, Aronson said the focus will be on the CFN, NSLS and NSLS-II. "These tools will be the engine that drives our energy initiatives," he said. The primary goal for NSLS-II is for Steve Dierker and his team to obtain Critical Decision-1, approval of preliminary baseline range, which would confirm that the machine would be built at BNL. "We're aiming to get that approval near the end of this calendar year," he said, "and that means there is a tremendous amount of work to be done on a very compressed schedule."

Future Projects

In the future, Aronson said that the plan is to convert RHIC into QCDLab, which would encompass several medium-to-large upgrade projects like RHIC-II (a luminosity upgrade) and eRHIC (an electron-ion collider). "We have to work together on this if we want it to become a reality," he said. "RHIC-II is less than \$100 million, and should fit into Office of Nuclear Physics budgets. eRHIC, meanwhile, is a big project, a multi-hundred million dollar project like NSLS-II, and it has to be featured in the Nuclear Science Advisory Committee's next long-range plan."

Net Plus

Finally, Aronson shared some good news relating to the mid-year review of the '06 budget: the fringe rate will be reduced, which will return some money to the departments, while the material-handling charge will increase slightly. "This is a net plus for the Lab," he said, "and John Hauser and his team have set a goal of making these rates more stable."

Aronson closed by recapping the status of the FY'07 proposed budget, saying that the President's American Competitiveness Initiative is very good for science, and especially for the physical sciences. "The budget has made excellent progress so far, and we are on the right path," he said. "We are seeing great support from our congressional delegation, and our users can help us by reaching out to other representatives. The bottom line is that we're much better off this year." — Peter Genzer

☉ *The Interim Director's complete talk can be viewed on the BNL Intranet, at <http://intranet.bnl.gov/video/employee.asp>.*

International FFAG-2006 Workshop

(cont'd)

Recently, more advanced engineering and computational tools made the concept feasible. An 150-million-electron-volt FFAG to accelerate proton particles was built and demonstrated at KEK Laboratory near Tokyo, Japan. Some design details still needed to be addressed, so an international community of accelerator experts started the workshop series to discuss and assess FFAG accelerators, which could be used for a variety of applications, many of them relevant to the scientific program of the C-A Department. These include: acceleration of particles such as muons and protons; medical applications; energy production; waste transmutation; and many more. Other possible applications are in rare isotope accelerators and future projects at the Lab's Relativistic Heavy Ion Collider. A few electron FFAG models have also been proposed.

During the recent meeting beam-dynamics and engineering considerations were discussed and presented. In particular, some outstanding beam dynamics issues concerning the selection of the proper magnet lattice for the various projects still need to be resolved. The next FFAG workshop will be held at Kyoto University, Japan, November 6-10.

☉ *For more details on this workshop and others in the FFAG series, see www.c-ad.bnl.gov/FFAG-2006.*

At the NSLS & CFN Annual Users' Meeting, 'Remark

has in BNL, as well as to the "strenuous advocacy" of the New York congressional delegation. "We speak with one voice on the importance of this Lab," he said. He urged attendees to stay in touch with their representatives. "Be forceful in your advocacy," he said. "We value your professional expertise, and these are important issues."

NSLS-II Update

The morning's next speaker was Steve Dierker, who is leading the Lab's effort to bring the facility to BNL. Noting that "the CFN will be producing materials that will be crying out to be characterized," he said that development of nanoscale materials will be critical for the development of future energy technologies.

"NSLS-II will be brighter than any existing light source. None of today's light sources were designed to probe materials with one nanometer spatial resolution and 0.1-milli-electron-volt energy resolution," he said. "The changes that NSLS-II bring will be transformative."

Dierker described plans for the Joint Photon Sciences Institute (JPSI), intended to foster development of new techniques and capabilities, and he thanked McGrath for helping to secure a \$30 million commitment from New York State for a building to house the proposed institute.

"JPSI will serve as an intellectual center for development and application of the photon sciences and as a gateway for NSLS-II users," he said.

"The NSLS-II will be essential for energy security, and important for U.S. industry," he concluded. "It will enable 'grand challenge' science in many diverse fields."

Center for Functional Nanomaterials

Doon Gibbs, Associate Laboratory Director for Basic Energy Sciences and CFN Interim Director, said that an active search is under way for a CFN director and that attendees should suggest candidates to the search committee. The CFN building's structural shell is complete, Gibbs said, and more than half of the Center's equipment will be ordered by the end of May.



Roger Stoutenburgh D080204

Bob Sw

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Long Island Advance Honors Marilyn McKeown

Marilyn McKeown, seated, who retired as a computer analyst from BNL's Physics Department in 1989, was selected as *The Long Island Advance* 2005 Woman of the Year. She was cited for a long history of volunteerism, giving time, energy and caring to organizations which include the INN soup kitchen that operates out of St. Joseph the Worker Church in East Patchogue, the Bellport Methodist Church where she taught Sunday School and was the church treasurer, the League of Women Voters, the Girl Scouts, the Brookhaven Village Association (BVA), and local environmental groups. McKeown will be 81 in a few days, but she remains involved with her church, the League, and the BVA. McKeown was welcomed to a celebratory lunch this April by several friends from the Lab, who had met her through a common interest in sports. McKeown had started running in her early 50s and ran her last marathon to celebrate her 70th birthday. Said Rita Kito, who organized the event and who, with Linda Rundlett, runs the Lab's Food Drive, "Marilyn is a great example to everyone who cares about helping others. She has been so active for so long, and is still very much in the picture for volunteer work. We can all learn from her."

Joseph Rubino D264046

able Spring' Promises Increased '07 Funding (cont'd)

core programs as binary, and he expects with bigger collaborative to users. Gibbs urged CFN workshops scientific opportunities important directions

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7 distinct user institu- ps believes, is that these and CFN) are the driv- itative. "As we interact ers in the larger teams, significant impact on or us, in particular, the said.

erim Chairman, gave an the NSLS. FY'06 was a ved, but no layoffs were prospects for FY'07 re-

to serve some 2,300 us- nd he announced plans to give users "one-stop ns including check-in, The user center will also n nights and weekends. es to continue to add , which he termed im- e and safety.

complement of materi- oted an increase in the imaging users. A new action enhanced imag-



Robert Sweet

Members of the Organizing Committee of the NSLS-CFN 2006 Meeting were: (back, from left) Laura Lewis, CFN; Liz Flynn, Grace Webster, CFN; and outgoing NSLS User Executive Committee Chair Chris Jacobsen of Brook University (SBU); (front left) Kathleen Nasta, Mercy Baez, NSLS; Gretchen, NSLS; and outgoing Chair Peter Stephens, SBU. Present is Lisa Miller, NSLS.

ing," or DEI, has been used for breast cancer patients and has 8 to 33 times greater contrast than digital mammograms.

"This will eventually have a very wide impact in the health industry," he said.

The productivity of NSLS experimentalists was demonstrated by between 700 and 800 publications during the year, of which about ten percent are by NSLS staff, Kao said. This year, about 75 papers appeared in "high-impact" publications, such as *Nature*, *Physical Review Letters*, *Science*, and the *Journal of the American Chemical Society*, he said.

In conclusion, Kao promised both an aggressive upgrade plan for the facility, and close NSLS-CFN coordination. He urged users to attend a community input meeting on the NSLS five-year plan to be held that afternoon.

Scientific Talks

As science ventures into the nanoworld, concerns will arise over the potential risks involved in producing and working with materials with properties that may not have previously been observed. Vicki Colvin, a chemistry professor from Rice University, spoke on "Building Safe Nanomaterials: Physical and Chemical Characterization." "Early examination of nanomaterials' effects will create a responsible technology," Colvin said. "Scientific data and analysis should take the debate about the risks of nanotechnology to the highest possible technical level."

Attendees then heard from several scientists who have conducted research at the NSLS.

Henry Chapman, a staff scientist at Lawrence Livermore National Laboratory, spoke on "Ultrafast Coherent Diffraction Imaging with a Soft X-Ray Free-Electron Laser." Pulickel M. Ajayan from the Department of Materials Science and Engineering at Rensselaer Polytechnic Institute detailed the "Engineering of Carbon Nanotube Structures," and Lawrence Shapiro, an associate professor at Columbia University, spoke on "Decoding Cell Adhesion with Protein Crystallography."

Award Winner Bob Sweet

For his extraordinary service, the NSLS Users Executive Committee (UEC) chose Robert Sweet, Biology Department, as the 2006 Community Service Award recipient. As the principal investigator of the Macromolecular Crystallography Research Resource, Sweet is recognized for numerous contributions that have created and sustained a vibrant community of users at the NSLS, and he is cited as "likely the single most important factor in keeping the NSLS on the cutting edge of macromolecular synchrotron crystallography."

Workshops

Six workshops were held on the following two days: Synchrotron Catalysis Consortium: New Opportunities for In Situ XAFS Studies of Nanocatalysis; Soft Matter and Biomolecular Materials: X-ray Scattering Enabled by High Brightness Beamlines; Nanoscale Correlations and Heterostructures; Chemical and Biological Applications of X-ray Emission Spectroscopy; Platforms for the Integration of Biological Systems into Nanomaterials and Interfaces; and VUV Radiometry.

— Kay Cordtz



Roger Stoutenburg 00010406

BNL supervisors, managers who earned BNL's first Supervision Certificates, with Cathy Wehrmann (front, left)

At a luncheon in the Brookhaven Center on March 30, Deputy Laboratory Director Michael Bebon, Human Resources & Occupational Medicine Division (HR&OM) Director Bill Hempfling, and Cathy Wehrmann, also of HR&OM, presented 35 BNL supervisors and managers with BNL's first Certificates in Supervision, amid applause from the recipients' supervisors and managers.

To earn the certificate, the supervisors had completed 11 courses totaling nearly 60 hours of training in aspects of being a supervisor. The program was initiated and implemented by the HR&OM Staff Development group to support new supervisors and experienced supervisors who want to improve their skills or who have not participated in supervisory training.

As Wehrmann explained, "Anyone who has benefited from having a good supervisor knows that the best managers not only have technical expertise, but in addition, are effective communicators and coaches, understand their staff, meet legal responsibilities, and plan flexibly for

action. That's a tall order! And that's where staff development can help with training in how to reach these goals."

The supervisor training program was launched in December 2004 with 36 supervisors enrolled. During 2005, the program grew to accommodate over 100 supervisors — approximately one-third of all supervisors at BNL. Since the program is so comprehensive, it can take up to three years for a participant to complete the courses.

"We have excellent feedback, however," says Wehrmann. "Those who finish the program report that communicating with their groups is easier and they have more insight into solving problems. Those who are still in training become more aware of aspects of their job that enable them to improve performance."

To find out more about the Certificate in Supervision program, contact Wehrmann at wehrmann@bnl.gov or Ext. 7823. Information can also be found on the web at www.bnl.gov/HR/staffdev/Supv_Certificate.asp. — Liz Seubert

Plaque Dedication For Mary Jane Sheridan

BNL's Quality of Life Committee and English for Speakers of Other Languages (ESOL) Program will honor Mary Jane Sheridan, former member of ESOL, with a tree and plaque dedication ceremony at the Recreation Hall, Bldg. 317, on Friday, June 9, at 1:30 p.m. All are welcome to attend. For more information, contact Christine Carter, Ext. 5090.

Noon Recital, 5/31

The Euclid Quartet, a prize-winning string ensemble, will perform on Wednesday, May 31, at noon in Berkner Hall. The program will include Mozart's *String Quartet in B flat, K. 589*, and Debussy's *String Quartet in G minor, Op. 10*. Sponsored by BSA, the company that manages BNL, the concert is free and open to the public. All visitors to the Lab age 16 and over must bring a photo ID.

Arrivals & Departures

— Arrivals —

none

— Departures —

Michael Conlon.....QMO
Denis Potapenko.....Chemistry

See www.bnl.gov/bera for BERA Trips

Details on BERA trips and discounts are available at www.bnl.gov/bera, for example: the *Cirque Du Soleil*, 6/11; Six Flags Great Adventure, 7/21; *Sweet Charity* at Bellport Playhouse, 8/4; U.S. Open, 9/5; NASCAR at Dover, 9/24; and discounted tickets to many local attractions. For more information, stop by the BERA Store in Berkner Hall or contact Christine Carter, Ext. 5090.

Money Management Classes, 6/19, 9/18

Representatives from Teachers Federal Credit Union will present BNLers with information on how to use and manage checking accounts and general money management techniques on Monday, June 19, and Monday, September 18, at noon in the Rec Hall.

For more information about TFCU's on-site services, go to www.bnl.gov/visitorinfo/onsite_services.asp.

Skin Cancer Screening, 6/8

Dermatologist Lawrence Lieblich will perform full-body examinations to screen BNL employees for skin cancer on Thursday, June 8, 9 a.m. to noon in the Occupational Medicine Clinic, Bldg. 490. Space is limited. For an appointment, contact Michael Thorn, Health Promotion Coordinator, Ext. 8612, or mthorn@bnl.gov.

Asian Pacific American Heritage Month Events

To celebrate Asian Pacific American Heritage Month, the BERA Asian Pacific American Association invites BNLers to the following event:

• **Tue., 6/6 - Swami Viditmananda: Vedanta lecture**, 4 p.m., Berkner Hall. Free, all welcome. Vedanta comprises the metaphysical teachings of the Veda tradition in India, teaching that the reality of the self, the world, and its source is one non-dual consciousness that transcends, yet is the essence of everything. See http://arshavidya.org/teachers_swamivid.html or call Vatsal Bhatt, Ext. 5453; Ramesh Gupta, Ext. 4805; or Ila Campbell, Ext. 2206.

One-on-One Retirement Counseling: TIAA-CREF

A TIAA-CREF consultant will visit BNL on Tuesday, May 30; and Wednesday, May 31, to answer employees' questions about financial matters such as: the importance of protecting assets against inflation, finding the right allocation mix, learning about TIAA-CREF retirement income flexibility, comparing lifetime income vs. cash withdrawal options, and more. For an appointment, call Arlene Lyons, (866) 842-2053, Ext. 4629.

One-on-One Retirement Planning: Vanguard

The Vanguard Group invites BNLers to spend 45 minutes one-on-one with a licensed representative on Friday, June 2, at the Lab to talk about financial issues. BNLers will learn about investing for long-term goals such as retirement; selecting funds for your savings; and making the most of the services and investment tools that are available. Schedule a 45-minute session online at www.meetvanguard.com or call 1-800-662-0106, Ext. 14500.

Fidelity Investment Counseling, 6/15

A Fidelity Investment representative will be at the Lab on Thursday, June 15, to hold sessions with individual employees interested in learning more about their retirement-savings and investment options. Schedule one of the 30-minute appointments by calling (800) 642-7131.

Bus Trip To U.S. Open, 9/5

The BERA Tennis Committee has scheduled a repeat of its popular bus trip to the U.S. Open Tennis championships at the National Tennis Center. The date is Tuesday, September 5. The bus will leave from the Lab tennis courts parking lot at 8:30 a.m. and make one stop at Exit 63 at the Park and Ride on the Long Island Expressway. Departure from the National Tennis Center will be at 7:30 p.m.

The cost of the trip is \$66 per person, which includes a \$46 ticket for the day session, bus fare, and tip for the driver. Prepaid reservations are now being accepted in the BERA Store.



Classified Advertisements

Placement Notices

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

LABORATORY RECRUITMENT - Opportunities for Laboratory employees

TB3532. SR. ADMINISTRATIVE SECRETARY (A-3) Requires formal secretarial training or equivalent, plus six years' related experience including two years at BNL in a similar role. Also requires excellent communication skills, experience in the PeopleSoft Travel System, the Guest Information System, knowledge of Laboratory practices and procedures, ability to work independently and regularly exercising a high level of judgment and discretion. Must also be detail oriented and demonstrate a high level of competency with MS Word, Outlook as well as other computer applications. Duties include arranging extensive travel by group members, collaborators and guests as well as organizing conferences, workshops and meetings. Will be responsible for performing a wide range of complex administrative secretarial functions including both routine and non-routine matters, purchasing using the Laboratory credit card, and PeopleSoft Financial Web Requisition system. Physics Department.

TB3241. SR. ADMINISTRATIVE SERVICES ASSISTANT (A-3) Requires a minimum of six years' relevant experience including two years at the Laboratory in a similar role or equivalent combination of education/experience. Must have a good working knowledge of Laboratory policies and procedures and proficiency in MS Office applications (Word, Excel, and PeopleSoft Financials). Responsibilities include administrative support for the Operations and Engineering Division at the NSLS, preparing travel arrangements, distributing mail, ordering supplies, coordinating conferences, maintaining the NSLS Library and functioning as the NSLS Records Representative. National Synchrotron Light Source.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates

MK9876. MANAGER, PROJECT COORDINATION (Interim Appointment) - Requires a bachelor's degree in engineering or architecture and 15 years' experience in project management, building design, and facility construction. Must have demonstrated project leadership experience in the development and execution of large-scale construction projects from conceptual through detailed design, construction and operation phases. Must have familiarity and experience with DOE Order 413.3 "Project Management" requirements; including application of cost/schedule control software; earned value performance measurement; and BNL's/PE's contractual and internal performance measures. Must also have familiarity and experience in the procurement and management of Architect/Engineer services contracts and major construction contracts. PE/RA license and/or master's degree highly desirable. Familiarity with New York State Building Code and OSHA construction safety regulations a plus. Plant Engineering Division.

Motor Vehicles & Supplies

02 CHRYSLER PT CRUISER - p/w, p/b, c/c, a/t, abs, a/c, traction ctrl., pwr. s/roof, am/fm/cd, 67K mi. \$7,600/neg. 312-6451.

01 VW JETTA WOLFSBURG ED 1.8T - new 5-sp & LSD APR chip, sst exhst, all opts, mint, must sell. 80K mi. \$12,000/neg. 849-2520.

01 LINCOLN LS - 4 dr, 5cd, heated leather seats, dual temp. controls, s/roof, alarm, excel. 50K mi. \$14,000/neg. 871-0561.

97 MERCURY COUGAR - metallic pearl V6, a/t, m/roof, fully loaded, am/fm/cd, leather, excl. cond. 108K mi. \$3,350. Ext. 5665.

97 POP-UP TRAILER VIKING 270L - lg. tndm axle, opens to 27', new tires, extras. \$2,200/neg. Stephen, Ext. 2575 or 775-9627.

96 SATURN SL2 - 4dr, green, a/c, s/roof, a/t, am/fm, runs well, call for pictures. 125K mi. \$1,500/neg. 902-1091.

94 FORD F-150 XLT - flare side, 4wd, 5L, a/t w/OD, ext. cab, a/c, tilt, c/c, p/w, p/l, abs, vg 126K mi. \$4,000. Ext. 7197 or 834-3928.

92 HONDA ACCORD EX - orig. owner, black, many new parts (timing belt, exhaust). \$2,000. 200K mi. \$2,000/neg. 516-885-6307.

92 HONDA ACCORD LX - 4dr., well maint., still runs well, looks good. 208K mi. \$1,500. Jesse, Ext. 7263.

87 LINCOLN TOWN CAR - 4dr., 6cyl, a/c, am/fm, gd batt., new w/shld, gd body, runs well, \$900/neg. Mauro, Ext. 7405 or Ext. 1079.

RIMS & TIRES - 4, 17" 4-lug chrome rims w/205/402R17 tires, hardly used. Pd \$1,100, ask \$500. Bill, Ext. 7961 or 929-3082.

Boats & Marine Supplies

27' PEARSON P 27 - 1988 furler, wheel, wing keel, diesel, H/C H2O, aft cabin, www.lengel.net/p27/. \$17,900/neg. Ext. 2788.

CAMPER - '96 fifth wheel Nomad, 33', sleeps 6, 14' slide out awning., v.gd. cond., \$9,850. 793-1733.

OUTBOARD MOTOR BRACKET - Garelick stainless steel, max 20 hp/115lbs, vert travel 11.25 in. \$90. Michael, Ext. 4028.

Furnishings & Appliances

AIR CONDITIONER - Kenmore model #76058, window unit, 5,000 Btu, 550 watts, fit 24-36" window, \$30. Ext. 7505.

AIR CONDITIONER - through-the-wall/window, 25K Btu, 220V. \$100; dehumidifier, wks. well, \$40. Ext. 2094 or 929-5008.

AIR CONDITIONERS - Fedders, 18,000 Btu, 220 volts \$150; Friedrich, 115 volts, \$75, both new cond. 281-5827.

BABY ITEMS - infant, car seat, bouncer seat, good cond. \$15 ea. Ext. 4820.

BED - qu., mattress, box spring & frame, \$200; lg. carpet, \$75; chest w/drawers, \$30; microwave, \$30, more. 902-7495.

DAYBED - twin size, black painted frame w/mattress. 747-6832.

DEHUMIDIFIER - Holmes, 40 pints/day capacity, excel. cond. \$25. Nancy, Ext. 5744 or 929-4440.

DINING ROOM SET - Oak, table, 2 lg. lvs, 6 chrs, server, br/front w/mirrors, glass, lights, free chandelier, \$900 neg. 816-1591.

DINING SET - dark cherry, table w/6 chairs, lighted 3-shelf hutch buffet, like new. \$800. Ext. 7496 or 223-4774.

LOVESEATS - 2 by Lane, contemp. style w/light bl. upholstery, fabric in excel. cond., \$100. 929-4424/3223.

MOVING - ALL MUST GO - oak dinette set, mstr bdrm, sofas, TV cbnt, office desk, dining rm. set, tables, lamps, etc. 473-5092.

RANGE - Whirlpool, free standing, like new, self cleaning, gas powered. Paid \$900, ask \$350. 516-633-7275.

REFRIGERATOR - White Frigidaire, 18.2 cu. ft., \$200. Chris, Ext. 2094 or 929-5008.

SECTIONAL SOFA - gray cloth, 5 sections, excel. cond. \$200. Artie, Ext. 5937.

Audio, Video & Computers

COMPUTER - d/top, Pentium-I 400 Mhz, 2 HD (2.1.7gb), CD-RW, CD-R, 3.5" floppy, mdm, Win2K, print (no ink) \$150. Ext. 5080.

COMPUTER - Pent. 4, 2.2 Ghz, 533 mHz FSB, 512 mb RAM, 40 GB HD, DVD+-ROM, CD-RW, 19" mon., make offer. 473-6550.

PLAYSTATION 1 - w/controller, game and memory card, \$35. Chris, Ext. 2094.

Sports, Hobbies & Pets

COLEMAN BAYSIDE POP-UP CAMPER - 2 kg beds, slips 8, a/c (gas), fridge, hot wtr, roll-out galley, outdr shwr, stove, Ext. 2826.

Miscellaneous

CAR SEAT - Cosco, used 2 times, w/belt & buckles, adjusts for up to 60 lbs. \$25. Lisa, Ext. 7524.

DOUBLE STROLLER - good cond. \$50. Chris, Ext. 2094 or 929-5008.

SWIMMING POOL - igp, Bistro Bar, easy to install & remove, complete w/table, 2 stools & umbrella, never used, \$199. 751-7023.

Yard & Garage Sales

PATCHOGUE - Multi-family yard sale, Sat., 5/20, 9 a.m. to 4 p.m., 73 Buckley Rd. (near IRS Center). Ext. 7517.

Happenings

COMPOSERS CONTEST - Sound Symphony Composers Competition, winning piece performed. Details: www.soundsymphony.org. Mona, Ext. 5056.

SBU CAFÉ CONCERT - Sun., 6/11, 6 p.m., Fairport Convention, history of Brit. folk rock, w/Sandy Denny, more. Tickets \$35, students \$30. Reservations req. 632-6027 or gpalala@notes.cc.sunysb.edu.

Wanted

VENDORS - Handmade crafts or specialty items for BNL Market Day on Wednesdays June through Sept. Joanne, Ext. 8481.

Lost & Found

FOUND: WATCH - found by ballfield gazebos, describe for return. Fred, Ext. 2792.

For Rent

CENTER MORICHES - 2-bdrm. house, w/d, freshly painted, new w/w carpet, near shopping, 1 block to water, no pets/smkg., utilities extra. \$1,300/mo. 878-6016.

EAST MORICHES - new, grd.-level apt., 1 bdrm, l/r, full kit., full bath, hdwd. flrs., clng. fans, cab, heat/own therm., cable, util. inc., pvt. ent. \$965 single, cpl \$985/mo. 878-5798.

FARMINGDALE - 4 bdrm., 2 bath, all new kit./bath, s/s appl., near golf course, hot tub/spa, great back yard, newly painted, great SD, \$2,600/mo./neg. 516-633-7275.

FARMINGVILLE - 1 lg. bdrm. in house, share bath w/1, full kit., elec incl., avail. 4/1. \$450/mo. Ben, 513-8275.

HOLBROOK - 2-bdrm. condo, bath, d/r, l/r, full kit., cac, laund rm, patio, shed, cable incl., comm. pool, tennis, sauna, clubhouse, no pets/smkg. \$1,450/mo. 472-2053.

LONG LAKE - new, 2-bdrm., 1.5 bath fully furnished house, det. guest house, sleeps 6, one mi. from lake, excel. vacation get away. \$450/wk. Chuck, 369-6330.

MILLER PLACE - huge, 1 bdrm., full kit., bright, sunny, utils incl., single pref. \$1,000/mo. 473-6896.

MILLER PLACE - share lg., furn., non-smkg. Col. house, resid. area, own 14x12 w/w bdrm., l/net, cac, cable tv, fenced bk yard, deck, 10 mi. to BNL. \$675/mo. 744-8386.

PATCHOGUE - 1-bdrm. apt., l/r, eik, 2nd floor pvt. ent., w/w, new appls., no smkg./pets, credit check & refs., 1 mo. sec., elect not incl. \$975/mo. Ext. 7515 or 654-0411.

PATCHOGUE - 1-bdrm. apt, community igp, all elec. \$1,100/mo. Amy, 278-7379.

PATCHOGUE - 2 bdrm., 1 bath, duplex, on Pchgue River, 5 min to LIRR & Fire Isl. Ferry, 15 min to Lab, pvt. ent. & pkg., deck, w/d, no smkg./pets. \$1,400/mo. 516-768-7909.

RIDGE - 1 lg. studio, bright & warm, w/full bath, priv. ent. & fenced garden, house apart from owner, park in drway, quiet & safe n'hood. \$700/mo. Zhen, 821-0859.

S. SETAUKET - 2-bdrm. apt., bath, kit, a/c, w/d, Internet, cable, 9 mi. to BNL, <http://tinyurl.com/tjvfm>. \$1,000/mo. Lin, Ext. 4508 or 698-2891.

SHIRLEY - studio apt, suitable for 1., full bath, sep. ent., all incl., cable & internet, no smkg./pets, 5 min. to stores & beach, 1 mo. security. \$550/mo. Ext. 8321.

SHIRLEY - 1-yr.-old, 1-bdrm., bsmt. apt., eik, lg. l/r, full bath, no pets/smkg., heat/own therm., cable, util. inc, pvt. ent., 8 mi. to BNL \$1,000/mo. Ext. 3681 or 399-3910.

SHOREHAM - summer rental (June, July, August) 3-bdrm. ranch, 1 bath, l/r, den, kit., washer/dryer, 1-car gar., lg. yard, utilities extra. \$1,800/mo. 258-4607.

WADING RIVER - 2 bdrm., eik, lg. l/r, lg. den, lg. deck, pvt. pkg., no kids/pets/smkg. util. extra. \$1,500/mo. 928-9328.

YAPHANK - lg. 2-bdrm. apt., lg. eik, full bath, l/r, pvt. ent., cable, storage area, use of back yd. \$1,300/mo./neg. 379-7791.

YAPHANK - 2 bdrm., l/r, kit., full bath, lg. yd., + util \$1,000/mo. 436-6357.

COOPERSTOWN, NY - 4-bdrm. house on 200 acres, 7 mi. to town center, great views, all new appl., fully furnished, sleeps 8 comft. \$785/wk. Ext. 3005 or 874-9639.

DAYTONA BEACH, FL - beachfront 2-bdrm, 2-bath condo avail. in summer, pool, exercise room, min. 1/2 weeks, close to Orlando, St. Augustine. \$800/wk. Ext. 4982.

For Sale

CENTEREACH - 4-yr.-old Center Hall Colonial, 5 bdrm., 2-1/2 baths, eik, great room, d/r, fin. bsmt., f/p, 1st flr laundry, 20 min to Lab, 5 min to SBU. \$509,990 981-2471.

CENTEREACH - 3-bdrm. ranch, 2 bath, eik, l/r, d/r, fam. rm. w/fp, fin. bsmt., cac, htd semi-igp, igs. htd. tile flrs., alarm, skylgts, hot wtr. htr., deck. \$449,000/neg. 871-0561.

EAST QUOGUE - condo, new 2/2 up unit, 1-car gar., sr. commt, cust. closets, 42" cabinets, tiled baths, cac, maint. free, low chgs./taxes. \$629,900/neg. 723-0770.

KINGSPARK - 3 bdrm., 2 bath, tot. renov, kit, bath, h/wd flrs, carpet, appl., dr/way w/Bel-gm block, roof, Anderson wndws. \$564,990/neg. Richard, Ext. 5319 or 835-8309.

MILLER PLACE - 3-yr. old, 4/5 bdrm., 2.5 baths, l/r, d/r, den w/fp, hw flrs., granite/s appl. kit, 2-story ent., bsmt., cac, 3/4-acre fenced, deck. \$824,999/neg. 642-8043.

PORT JEFFERSON - hist. Victorian in ctr. Village, 4 bdrm., 2 bath, 2-l/r, gas t/p, d/r, renov. eik, pool, waterfall views, attic, gas heat, cac. \$759,000/neg. 804-4662.

PORT JEFFERSON STA. - hi-ranch, mint+, 3 bdrm., 2 bath, updated kit, l/r, windows, office, fully renov. bath, new roof (w/warr, \$419,999/neg. Ext. 3327 or 331-6725).

SHOREHAM - Dutch Colonial, 4 bdrm., 2 bath, d/r, l/r, lg. fam. rm., wood flrs., new lg. kit., new appls, 1-car gar., igp, fenced yrd., family n'hood. \$510,000/neg. 258-4607.

SOUND BEACH - 4 bdrm., 3 bath, large kitchen, d/r, full bsmt. \$340,000 firm. 821-0450.

SOUTHOLD - French Normandy style house, 1 level, estate-like grounds, walk to town and beach, no updates needed. \$999,000. Amy, Ext. 8032.

STONY BROOK - 4-bdrm., 3-1/2 bath Colonial on cul-du-sac, cust interiors, walk to train, oil heat, cac, 3-Vill. SD, fin. bsmt. w/pvt. ent., 2-car gar. \$749,000. 689-0353.

On-Site Service Station

BOAT & MOTORCYCLE STARTERS, ALTERNATORS - The Lab's on-site service station can supply starters & alternators, incl. electrical relays, etc., for boats and m/cycles, as well as all vehicle services: oil changes, NYS inspections, new batteries, tires, timing belts, etc., while you are at work. Ext. 4034.

Get to Know Your Lab! Spring Bird Walk, Noon Today, 5/26

Today, Friday, May 26, take a walk on the wild side with Ernie Lewis of the Environmental Services Division. BNL, with its over 5,000 acres of land, much of which is left in its natural state, is home to a large variety of bird species. Some are migratory and some call BNL home all year round.

Wear tick-proof clothing and bring your binoculars if you have them. The group meets in Berkner Hall lobby at noon, returning there by 1 p.m. No reservations are necessary.

You may see a red-tail hawk such as this one that Photographer Roger Stoutenburgh spotted up in a tree, that then flew down to seek prey in the grass.



Roger Stoutenburgh D790506



Roger Stoutenburgh D0840506

Bus Trip to New York City, 6/4

All BNLers and their families are invited to join the Hospitality Committee's trip for a "day in the city" on Sunday, June 4. The coach will leave from the Recreation Hall in the apartment area at 9 a.m., drop off at Bryant Park, and will leave the city at 6 p.m. The cost is \$10 for adults and \$5 for children ages 2-12. Payments must be made in advance at the Recreation Hall on May 23 and 31 between 11 a.m.-noon. For more information, contact Jing Rochman at deshanghai@yahoo.fr or 891-9430.

BREA Noon Lecture: Retirement Living, 6/20

On Tuesday, June 20, at noon in Berkner Hall, Annika Shapiro of Peconic Landing and Russell Lusak of Jefferson Ferry will give a presentation entitled "Options in Retirement Living" that discusses senior housing. The presentation will deal with various retirement options and go into details about the "Life Care" concept. All are welcome at this free talk sponsored by the Brookhaven Retired Employees Association.

Internet Safety Presentation, 6/27 'Protecting Your Children'

Join Suffolk County Police Department Sergeant John Cowie, a member of the Computer Crime Section, on Tuesday, June 27, from noon to 1 p.m. in Berkner Hall, where he will present "Internet Safety: Protecting Your Children." All are welcome to attend this free talk, but preregistration is necessary. Check your mailbox for registration forms. Return completed forms to Michael Thorn, Bldg. 490. For more information, contact Thorn at Ext. 8612.

CIGNA Healthcare Rep. at BNL, Mondays

Attention all CIGNA participants: Janet Petgrave from CIGNA Healthcare will be on site in Human Resources, Bldg 185, every Monday from 10 a.m. to 3 p.m., to assist you with claims issues, by appointment only. Be sure to bring all pertinent documentation to your meeting. For your 30-minute appointment, call Linda Rundlett in the Benefits Office, Ext. 5126.

In Appreciation

I thank all my BNL friends for their sympathy and support following the passing of my mother. — Raymond Dumont

The family of Muriel Olenick will like to extend our thanks to everyone at BNL who showed their love and support during her illness and passing. Muriel loved her work and her co-workers; the Lab brought her great happiness.

Donna Zadow - In Memoriam. It has been a year since we've lost you and it just hasn't been the same. Special memories of times spent with you will always be close to our hearts. In loving memory, —Your Colleagues at BNL

No Bulletin Next Week

Due to the Memorial Day Holiday on Monday, May 29, the next Bulletin will appear on Friday, June 9.

Gym and Pool Closed at Weekends

The gym and swimming pool will adopt a summer schedule beginning this Memorial Day weekend through Labor Day, and will be closed on Saturdays and Sundays.

Can You Spare a Can?

Please, remember to bring canned goods in to fill the bins for the BNL Food Drive.