

Five BNLeers Receive Awards For Engineering, Computing

At the annual Employee Recognition Ceremony held on June 22 in Berkner Hall, 13 BNLeers were honored with the Lab's highest awards: five received the Brookhaven Award, five, the Engineering & Computing Award, two, the Science & Technology Award, and one, the BERA Service Award. Candidates are selected for the exceptional nature and difficulty level of their contributions as well as the benefit of the contributions

to the Laboratory. The winners of the Science & Technology Award and the Brookhaven Award were featured in the Bulletins of July 10 and July 17, respectively. BERA Service Award winner Elliott Levitt, Internal Audit & Oversight Office, and the 146 Spotlight Award winners will be featured in a future Bulletin.

Deputy Lab Director for Operations Michael Bebon presented the Engineering & Computing

Award, which recognizes distinguished contributions to the engineering and computing objectives of the Laboratory over one or more years, to: Gregory Flett, Modernization Project Office; Jesse Schmalzle, Superconducting Magnet Division; Emerson Vernon, Instrumentation Division; Alexander Zaltsman, Collider-Accelerator Department (C-AD); and Wu Zhang, C-AD. Their citations are featured below.



Roger Stoutenburg 06/28/09

Pictured are the Engineering & Computing Award winners: (from left) Jesse Schmalzle, Emerson Vernon, Wu Zhang, Alexander Zaltsman, and Gregory Flett.

Gregory Flett

Greg Flett serves as Project Director for Line Item Projects in the Facilities & Operations' newly formed Modernization Project Office. This office will lead the implementation of BNL's master plan for replacing outdated facilities with the modern laboratory infrastructure needed for competitive modern science.

Flett is recognized as a versatile engineer who has been assigned some of BNL's largest infrastructure projects. He has a proven track record of success for completing projects on time and within budget. He is also frequently sought to serve on review teams across the DOE complex for his expertise in project engineering and project management. His experience with DOE project management requirements helps navigate the "critical decision" process required on all line item projects. His work has included environmental restoration, utility upgrades and new building projects. Flett is currently Project Director on three ongoing projects totaling over \$130 million funded by the Office of Science's Infrastructure Modernization Initiative. He has successfully managed seven line item projects including the \$18 million Research Support Building — the first BNL building to achieve certification under the U.S. Green Building Council LEED rating system. Flett is a licensed professional engineer, a certified Project Management Professional and a LEED Accredited Professional.

Jesse Schmalzle

Jesse Schmalzle of the Superconducting Magnet Division serves as the lead engineer for BNL's contribution to the U.S.-Large Hadron Collider (LHC) Accelerator Research Program in which magnets are developed for a future upgrade of the LHC at CERN, the European particle accelerator in Switzerland. The

magnets must achieve a high magnetic field, which requires developing the technology for wind-and-react niobium tin superconductor, a very brittle material. The combination of high magnetic field forces and brittle material creates great difficulty in building working magnets.

Schmalzle was responsible for all technical aspects of the "four-Meter Long Racetrack" coil program, the first milestone in proving the technology. The coils tested successfully at BNL, reaching 98 percent of the theoretical current-carrying capacity of the superconductor. This success was due in large part to Schmalzle's technical expertise and attention to detail. As a result, he has continued to work on research and development of two more coil programs, the LQ and the HQ, which are needed elements for the planned LHC upgrade. This success has brought international acclaim to BNL and enhanced its reputation in the high energy physics community. While this is a product of a cohesive hard working team, Schmalzle stands out as a critical team leader.

Emerson Vernon

Emerson Vernon, a staff engineer in the Instrumentation Division, was recognized for his outstanding contributions to the Lab's scientific mission, and in particular, for developing highly specialized monolithic circuits for a wide range of radiation detectors. These circuits, also known as application specific integrated circuits (ASIC), contain several hundred thousand transistors in an area of a few square millimeters and provide many channels of low-noise charge amplification and signal processing.

Vernon's advanced design and layout techniques enabled the realization of highly reliable high-performance, user-friendly mixed signal (analog and digital) circuits, and made it possible to develop high density and high

functionality detectors. He has been a key contributor to tens of different ASIC prototypes for solid-state and gas detectors, all fully successful and achieving — in some cases surpassing — the targeted circuit performance. His contribution has been crucial in bringing and maintaining the Lab's capability in this field to a state-of-the-art level, and his work has had an impact on all BNL programs, from photon science to homeland security. He is now a key contributor in the BNL ASIC design group.

Vernon's achievements would have not been possible without his outstanding dedication, talent, and reliability. Additionally, his performance is always highly appreciated for his exemplary interpersonal skills and safety awareness.

Alexander Zaltsman

Senior Research Engineer Alexander Zaltsman of the Collider-Accelerator Department (C-AD), Group Leader for the C-AD RF Group, is recognized for outstanding technical contributions in radio frequency (RF) engineering for the Relativistic Heavy Ion Collider (RHIC) accelerator facility and his managerial leadership in implementation of systems and maintenance of world-class productivity.

Zaltsman's technical contributions span a wide range, from the Alternating Gradient Synchrotron (AGS), AGS Booster, and RHIC RF acceleration systems, to projects such as the electron beam ion source, known as EBIS; the RHIC Energy Recovery Linac; the RHIC stochastic cooling system; and the BNL accumulator ring for the Spallation Neutron Source at Oak Ridge National Laboratory. His technical contributions include RF cavities, amplifiers and tuning systems. He also designed the RF component for the Rapid Cycling Medical Synchrotron, which was...

See **Awards** on pg. 2

The BLUEPRINT PROJECT

A Q&A with Sam Aronson

This past Wednesday, July 29, Laboratory Director Sam Aronson held an all-hands meeting to discuss the "Blueprint Project," a new proposal intended to strengthen the Lab's position in realizing its strategic plan. Below is a Q&A with Director Aronson on the project.



Roger Stoutenburg 00150405

What is the Blueprint Project?

The Blueprint Project is a multi-year plan to restructure some of Brookhaven's science and technology

(S&T) and operations units and improve our processes. It's an effort that comes out of meetings held earlier this year to prepare for the recompetition of the Laboratory operating contract, combined with discussions at the S&T retreat by members of the Policy and Science Councils earlier this month. I believe the Blueprint Project is a critical and essential component in executing the Lab's Strategic Plan for the next decade, which is why we're moving ahead even though the recompetition looks to be delayed for at least a year.

What is its purpose?

We see the Blueprint Project as a significant and necessary investment in the future of this Laboratory. Through the project, we hope to position Brookhaven to dramatically extend its impact in energy and climate/environmental science and applied technology while maintaining a leadership position in discovery-oriented basic research. We also seek to double the Lab's revenue by making it much more attractive to outside investment, increase staff by at least 25 percent over the next 10 years, and modernize the Lab infrastructure to meet 21st-Century expectations. Through this plan, we also hope to enhance BNL's reputation, our stakeholder relationships, and our institutional and personal culture of service — to the Lab, local communities, the state, and our partners and customers.

Why are we doing it now?

Right now, we are in a very favorable position to succeed in this effort. We have a strong vision and strategy for where we need to go, and \$219 million in stimulus funding to advance some important projects and to address maintenance and cleanup issues. NSLS-II is moving along on schedule, DOE has approved our proposal for a multi-million-dollar Energy Frontier Research Center on superconductivity, and we have strong collaborations taking shape with Stony Brook and N.Y. State agencies, universities, and businesses. We have a favorable electric power contract with NYPA, and an exciting new effort with LIPA and BP to build a large solar power station on site. Also, we recently received our best performance report card ever from DOE, which reflects on the work we've done to align our actions with DOE goals and mission.

Looking ahead a few years, beyond the stimulus funding, we can see a return to the situation of the last few years, in which it was very difficult to make the necessary investments in our future. Going forward, all the opportunities I've mentioned will require more discretionary investment, not less — for new hires, new equipment, and new and renewed infrastructure. So, we do not have the luxury of being able to rest on our laurels — finding the resources we need to capitalize on these opportunities will require us to grow the Laboratory substantially, better align our research portfolio with the needs of DOE and other customers, and strive for excellence in our operations.

How will the Blueprint Project impact the Lab's current structure?

Under the project, we expect to restructure/reorganize several major areas in science & technology and in operations. We see this as a multi-year project with many aspects, some more ready for implementation than others. The biggest piece in S&T involves a reorganization of the departments within the Energy, Environment & National Security and Life Sciences directorates into two new directorates — the Technology Solutions Portal (TSP) and Global Solutions Directorate (GSD)....

See **Blueprint Project** 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 may be found at www.bnl.gov/hospitality/calendar.asp.
- The Recreation Building #317 (Rec. Hall) is located in the apartment area.
- Events flagged with an asterisk (*) have an accompanying story in this week's Bulletin.

— REGULARLY —

Weekdays: Free English for Speakers Of Other Languages Classes

Beginner, Intermed., Adv. classes, various times. All welcome. Learn English, make friends. See <http://www.bnl.gov/esol/schedule.asp> 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 & Thursdays: Kickboxing
\$5 per class. Noon-1 p.m. in the gym. Pay as you go. Ext. 8481

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

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

Tuesdays: Knitting Class
Will resume in September. 2-4 p.m. Rec. Hall. All levels of skill. Ext. 5090 for information.

Tuesdays: Toastmasters
3 monthly meetings: 2nd Tuesday: Noon, Berkner, Rm. D: 1st & 3rd Tuesdays, 5:30 p.m., Bldg. 463, Rm 160. Guests, visitors welcome. <http://www.bnl.gov/bera/activities/toastmstrs/>

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

Tuesdays & Thursdays: Jiu Jitsu
6:30-7:30 p.m. Tuesdays: Brookhaven Center, Thursdays: Gym. All levels, 6 yrs. to adult. \$65 per month or \$10/class, pay as you go. Tom Baldwin, Bldg. 452, Ext. 4556

Tuesday & Thursday: Aqua Aerobics
Will resume in September. 5:30-6:30 p.m., Pool. Registration is required. Ext. 2873

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

Wednesdays: Ballroom Dance Class
To be resumed in September

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

1st Wednesday of month: LabVIEW
1:30-3 p.m., Bldg. 515, 2nd fl. Seminar Rm. Free technical assistance from LabVIEW consultants. Ext. 5304, or Terry Stratoudakis, (347) 228-7379

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: 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

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

Arrivals & Departures

— Arrivals —

Mauro GiacchiniNSLS-II
Charles HetzelNSLS-II
Benjamin Johnson..... C-AD

— Departures —

Prolay Das.....Biology
Boaz Nash.....NSLS-II

Wildlife at the Lab

What a place to work! See some of the Lab's wildest residents in these recent photos taken on site by Lab photographer Roger Stoutenburgh.

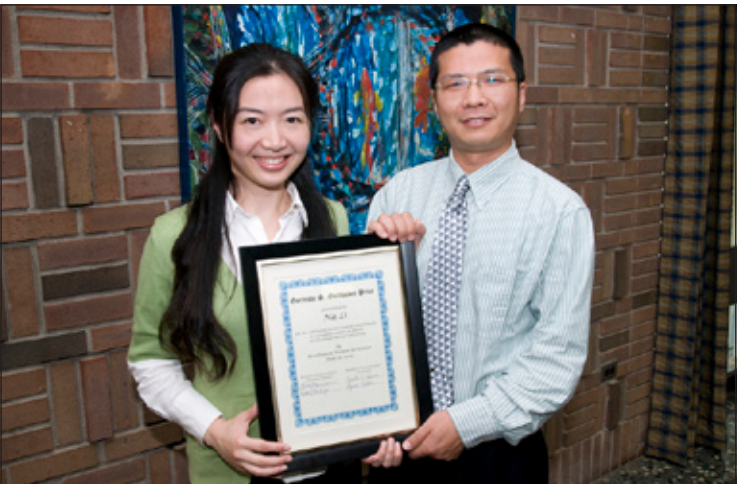
1. Two ospreys arrive at their nest.
2. This buck's antlers will lose the velvety fuzz and continue to grow until the buck entirely sheds them this winter.
3. A wild turkey and her poults.

Talks will be given on BNL's wildlife on Sunday, August 2. For more information, see pg. 4.

Huazhong Normal University Student Wins Gertrude Scharff-Goldhaber Prize
Na Li performs research at BNL's Relativistic Heavy Ion Collider

Na Li, a graduate student at Huazhong Normal University who expects to receive her Ph.D. in physics in the spring of 2010, has been awarded the 2009 Gertrude Scharff-Goldhaber Prize, consisting of a framed certificate and \$1,000. BNL established the award to recognize substantial promise and accomplishment by women graduate students in physics who are performing their thesis research at the Lab, or who are enrolled at Stony Brook University.

Administered by Brookhaven Women in Science (BWIS), a non-profit organization that supports and encourages the advancement of women in science, the prize honors the outstanding contributions of the late nuclear physicist Gertrude Scharff-Goldhaber. In 1950, she became the first woman Ph.D. physicist appointed to the Brookhaven Lab staff. She also was a founding member of BWIS.



Na Li (left) and her advisor, Aihong Tang of BNL's Physics Department

Li earned a B.S. in physics from Huazhong Normal University in 2004 and is continuing her studies at the school to earn her doctorate. She is currently performing her thesis work at the Relativistic Heavy Ion Collider (RHIC), a world-class accelerator where physicists study what the

universe may have looked like the first few moments after its creation. At RHIC, physicists have discovered a "perfect" liquid, which many describe as quark-gluon plasma, a form of matter that is thought to have existed ten-millionths of a second after the Big Bang. — Diane Greenberg

Roger Stoutenburgh 05270609

BWIS Reception, Chasman Scholarship Presentation, 8/6

Brookhaven Women in Science (BWIS) invites the BNL community to a summer reception and presentation of the Renate W. Chasman Scholarship for Women, on Thursday, August 6, at 5:15 p.m. in the Collider-Accelerator Department main lobby, Bldg. 911.

Named after renowned physicist Renate Chasman of BNL, the \$2,000 scholarship is awarded each year to a re-entry woman — one whose college education was interrupted, but who has returned to pursue a degree on a half time or greater basis. BWIS offers the scholarship to qualified candidates annually to encourage women to pursue careers in science, engineering or mathematics. For details about the scholarship, see: <http://www.bnl.gov/BWIS/scholarships.asp#Chasman>.

Refreshments will be served at the reception. For more information, contact Loralie Smart, Ext. 2425, or lsmart@bnl.gov.

The
BLUEPRINT
PROJECT

Blueprint Project from pg. 1

...TSP will combine many of the applied research parts of the two organizations, including Energy Sciences & Technology, Nonproliferation & National Security, as well as a Commercialization Division supporting BNL's intellectual property licensing, technology transfer and commercial deployment activities. GSD will include Biology, Environmental Sciences, and Medical Imaging (also part of a Brookhaven/Stony Brook Bio-Imaging Institute). Heading up TSP and GSD will be two new ALDs, who will be joining us this fall.

Other proposed S&T changes include the creation of an Accelerator S&T Directorate that combines the R&D components of the NPP and Light Sources Directorates; the formation of an Office of University Relations to facilitate collaboration with BSA's core universities, the SUNY system, and other research universities; and an expansion of our collaboration in joint institutes with Stony Brook. In addition, we'll partner with Battelle, Stony Brook, IBM, Albany Nanotech, and NY State on Smart Grid and energy storage initiatives.

The biggest proposed operations changes include restructuring of Finance, Human Resources/OMC, and Environment, Safety & Health. The changes include implementing new reporting relationships and broader field deployment of staff. Also, we plan to group the Business Systems, Information Technology, and Information Services divisions — and possibly other computing functions — under a new Information Services Directorate.

The Blueprint Project also addresses the Lab's infrastructure, and will feature a comprehensive strategic plan for providing infrastructure that supports our strategy.

Also included in the Blueprint is a plan to consolidate our 29 Management Systems under SBMS down to about 10, with the goal of making Management Systems a more effective management tool for the Laboratory.

What is each employee's role in this project?

Most importantly, your feedback and participation in discussions on the proposed changes is vital to the success of this project — I can't stress this enough. I assure you your input will be taken into

account as we continue to discuss the project in coming weeks, and we'll arrange multiple opportunities for you to get more information and provide input as we move forward. Again, I'll need everyone's involvement, commitment, and support to make this Blueprint Project a success.

How will I be impacted? Is this just a way to cut staff?

The Blueprint Project is an investment in our future that is designed to grow the Lab substantially, not cut staff. The idea is that with improved organization and improved processes we'll be able to support a bigger enterprise. In other words, by working smarter we'll be able to accomplish more with the outstanding and committed staff we have. Our aim is to end up with a stronger Laboratory that helps all of us reach our goals, as individuals and as an institution.

Will I have to recompute for my job?

No. There may well be changes in some individuals' job functions, but the expectation is that the present staff will continue to perform its work in a more productive fashion through the introduction of improved organizations, processes, and procedures.

Will this impact the bargaining unit staff?

These changes are not expected to have any immediate impacts on bargaining unit staff.

When will this start, and how long will it last?

We are starting this multi-year, multi-faceted project now. In the short term, I'll be presenting the project to the BSA Board of Directors at the end of the month, and we'll have additional discussion at a management retreat planned for September. One of the first steps, under way now, is to select project coordinators and working groups to discuss implementation of the proposed changes, and to identify funding to begin the work. As I mentioned, some parts of this are more ready to go than others, so work associated with these changes has already begun in some areas in terms of recruiting, restructuring, and work on our joint centers and institutes. Some operational changes may take place as soon as this fall.

How can I get more information?

We recognize that open communication through a variety of mechanisms is key to this process. Throughout the lifetime of the project, we expect to provide regular status updates based on project reviews. In addition to my all-hands meeting and articles and postings in The Bulletin, Monday Memo, and the Blueprint Project intranet site (<http://intranet.bnl.gov/blueprint>), I'll also be arranging smaller, more focused opportunities to answer questions and obtain feedback on the overall project and specific initiatives. These opportunities could include directorate or department-wide meetings as well as brown-bag information sessions, among others.



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NSLS Conference Room Named In Honor of Arie van Steenberg

Almost 27 years after the dedication of the National Synchrotron Light Source (NSLS), the man who helped bring the facility to fruition received his own ceremony. Numerous relatives, friends, and colleagues of Arie van Steenberg, a former Deputy NSLS Department Chair who died in January 2009, gathered on July 1 at the NSLS to name Conference Room A in his honor.

“Arie was here from the very beginning of this facility,” said NSLS Chair Chi-Chang Kao, who led the dedication ceremony along with Stony Brook University’s Michael Marx, Associate Vice President for Brookhaven Affairs. “Especially now, as we start to build NSLS-II across the street, we should remember to look back and learn from him.”

Van Steenberg first joined BNL in 1957 as an assistant physicist at the Alternating Gradient Synchrotron (AGS), of which he eventually became the head. After working in the mid-1970s at Brookhaven’s newest high-energy accelerator, ISABELLE, he took on the leadership position he is best known for — Project Director of the NSLS.

First conceived of in 1970, the NSLS was given the go-ahead by DOE in 1977 with a tight deadline (four years) and an even tighter budget (\$24 million). Determined to complete the project on time and within its set cost, van Steenberg — a tireless worker himself — set a demanding pace for the project.

Shortly after the completion



of the NSLS building, which did, indeed, open on time and within its budget, van Steenberg became the NSLS Deputy Department Chair, a position he held until he returned to research in 1984. He participated in the first free electron laser (FEL) experiment on the VUV Ring of the NSLS and also conducted notable work on inverse FEL experiments at the Accelerator Test Facility. Van Steenberg retired from the Lab in 1995 but continued to collaborate on projects as a guest scientist and consultant for years afterward.

Van Steenberg’s wife and sons were among more than a dozen family members who helped hang a plaque and poster in what is now known as the Arie van Steenberg Conference Room.

— Kendra Snyder

See also www.bnl.gov/today/story.asp?ITEM_NO=1312.

Five Receive 2009 Engineering, Computing Award

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...awarded a patent. This machine is intended as a cancer irradiation treatment facility.

Other laboratories and DOE recognize Zaltsman’s technical expertise with requests for his participation in technical reviews. His managerial leadership of the C-AD RF group has resulted in a very robust and exceptional productivity with the minimum of personnel resources. Throughout his career, Zaltsman has been a leader in the Department and the Laboratory and he has consistently advocated and worked in a safe and conscientious manner.

Wu Zhang

(Arlene) Wu Zhang, a senior research engineer and Pulsed Power Systems Group Leader in the Collider-Accelerator Department (C-AD), is being recognized for her outstanding contributions in support of accelerator systems operations. Since joining BNL in 1987, she has worked on the technically challenging research and development of high-voltage, pulsed power supplies for the Booster, Alternating Gradient Synchrotron, g-2 experiment, Relativistic Heavy Ion Collider, and the Spallation Neutron Source.

The giga-watts or sub-giga-watts class pulsed power systems Zhang designs must switch on in nanoseconds and provide currents in thousands of amps with variations of less than one percent and have a pulse width measured in microseconds. Her focus on careful calculation, detailed design, system testing, and safety have greatly contributed to the successful operation of the C-AD particle accelerator/storage ring system.

An active member of the engineering community, Zhang has supported technical committees and engineering student development. She served as chair of the local IEEE Nuclear & Plasma Sciences Society and has been an invited speaker at IEEE conferences. She has authored or coauthored more than 60 scientific and technical papers.

Zhang also has promoted visibility for women in engineering. She was instrumental in founding the Brookhaven Women Engineers’ Network, and she served on the Advisory Board of the Stony Brook University Women in Science & Engineering Program.

— Liz Seubert & Diane Greenberg

Attention Grad Students!

Apply to present your work at Stony Brook University’s New Provost’s Graduate Student Lecture Series

Graduate students at Brookhaven Lab are invited to participate in the new Provost’s Graduate Student Lecture Series, which is being presented by Stony Brook University’s (SBU) Graduate School. These monthly, one-hour lectures at SBU will offer graduate students the opportunity to present their work in a public forum while communicating their work with those from other academic disciplines. To apply, send a brief statement about your work and a nomination from your mentor to Charles Taber, Associate Dean of the Graduate School, ctaber@notes.cc.sunysb.edu.



Roger Stoutenburg DSI70708

Meet Spotlight Award-Winning Summer Student Patrick Bynum

With summer students working on exciting science ranging from nano to neuro, it might be easy to overlook those interns whose work, while equally important, is somewhat less visible. Patrick Bynum is one such student. His efforts in the Collider-Accelerator Department (C-AD) for the past two summers have been crucial in ensuring the smooth operation of the Lab’s technical infrastructure, and he has recently been recognized for his valuable contributions by being named a recipient of a 2009 BNL Spotlight Award.

The soft-spoken Bynum has been somewhat surprised by the honor, normally only given to permanent BNL employees.

“I’m not sure that my work is that big of a deal,” he said, adding, “but my mentor tells me that it will help to organize the whole Lab and make it safer.”

Bynum’s mentor, C-AD engineer Nicholas Franco, has a point. The intern’s main project this summer has to do with documenting a large network of fiber-optic cables, some of which are responsible for communicating alerts to the Fire Department. Keeping track of these cables could well be instrumental in saving lives in the event of an emergency.

This important project is only the most recent addition to a long list of impressive work Bynum has done at BNL. He first came to the Lab in the summer of 2008 after his mother, engineer Patrice Greenwood, moved to the area to assume the role of Configuration Manager for the National Synchrotron Light Source II project. Franco hired him through a Di-

versity Office program. Although Bynum is actually majoring in business at Alabama Agricultural & Mechanical University of Huntsville, he found working with computer technology to be a natural fit.

“I have always been interested in engineering,” he said. “I watched automotive engineering leave my home town [in Indiana], but a calculus professor suggested that I look into computer science instead.”

Of course, business classes do not necessarily teach the skills necessary for information technology work, but Bynum has had a great deal of “real-world” preparation. “Growing up with my mom and sisters, if anything was broken, I always fixed it,” he recalled.

Bynum learned everything else he needed to know on the job. He surpassed all expectations last summer, creating databases of computer registration information and facilitating essential encryption security upgrades for mobile computers. He even completed the difficult task of restoring obsolete design-data tapes and transferring their contents to a modern hard drive. Considering these accomplishments, it is easy to see why Franco requested Bynum’s return this summer.

In terms of his future, Bynum hopes to attend graduate school to prepare for a career in a field such as business administration or database management. If his stellar work so far is any indication, future employers will have, in Franco’s words, “the honor” of working with him as well. — Bryan Lowder

Talk on Salary Administration, 8/13

All employees are invited to attend a Brookhaven Women in Science (BWIS)-sponsored talk to be given by Robert Kelly, BNL’s Compensation Manager, on Thursday, August 13, from noon to 1 p.m. in Berkner Hall, Room B. Kelly’s talk, titled “BNL’s Salary Administration Program,” will include information on job classifications, job families, salary schedules and ranges, determination of ranges and employee salaries, new hire salaries and the annual salary review process. For more information, contact Vinita Ghosh, BWIS Coordinator, Ext. 6226 or ghoshvj@bnl.gov.

Camera Club Meeting, 8/6

The next Camera Club meeting will be held on Thursday, August 6, at noon in Bldg. 400’s conference room #2. Members show their most recent photos and vote for new club officers. New members are welcome. For more information, contact Joe Gettler, Ext. 3584 or jgettler@bnl.gov.

Swim Lessons for 4-Year-Olds

Swim lessons will be offered on Saturday mornings, specifically for 4-year-old children of BNL families. These one-hour lessons begin at 9 a.m. and will run from September 12 until October 24. Registration is \$80 per child. For more information, contact Sue Dwyer, Ext. 3496, or the Recreation Office, Ext. 2873.

CALENDAR

THIS WEEKEND

Sunday, 8/2

***Summer Sundays: National Weather Service, Environment**
10 a.m.-3 p.m. See weather predictions made, storms tracked, more. See pg. 4.

— WEEK OF 8/3 —

Thursday, 8/6

***BWIS Reception, Presentation of Chasman Scholarship**
5:15 p.m. Collider-Accelerator Department, Bldg. 911, main lobby. Presentation and refreshments. See pg. 2.

Friday, 8/7

BERA T. Farmer Softball BBQ
5:30 p.m. Gazebo. RSVP by 3 p.m. 7/31 at BERA Store. Members, \$5, visitors welcome, \$10. See notice below.

Sunday, 8/9

***Summer Sundays: Featuring the Relativistic Heavy Ion Collider**
10 a.m.-3 p.m. Visit the Northeast’s largest particle accelerator, with particle detectors as big as a house. See pg. 4.

— WEEK OF 8/8 —

Thursday, 8/13

***Salary Administration Talk**
Noon. Berkner Hall, Room B. Sponsored by Brookhaven Women in Science, Robert Kelly, Compensation Manager, will talk on “BNL’s Salary Administration Program.” All are welcome. See notice below, left.

Friday 8/14

Singles Club BBQ
5 p.m. Gazebo. All are welcome. RSVP to Kim Hayes, Ext. 7465 or khayes@bnl.gov.

BERA Trips

Buy tickets weekdays, 9 a.m.–3 p.m. at the BERA Store in Berkner Hall. Coaches depart BNL from the Brookhaven Center. See www.bnl.gov/bera/recreation/events.asp.

Yonkers Raceway & Empire City: Sat., 8/8. More than 5,000 slot machines, live horse racing, more than four dining rooms. \$20/person, 18 and over only. Depart BNL 2 p.m. and leave Yonkers 10 p.m.

Central Park NY Bike Tour: Sat., 8/22. Two-hour bicycle tour through Central Park. \$40/person, for coach; bike and helmet rental; and tour. Depart BNL 8 a.m., Depart NYC 4 p.m.

US Open Tennis, Billie Jean King Tennis Center: Tues., 9/8. \$55 /person, includes coach bus and upper promenade tickets. Leave BNL 8:30 a.m., leave stadium 7:30 p.m.

NYC Dinner Cruise: Fri., 9/11. \$95 per person includes open bar, dinner buffet, and dancing. Depart BNL 6 p.m. and leaves NYC at midnight.

BIG E State Fair in Springfield, MA: Sat., 9/19. \$15/person (adult or child). Depart BNL 7:30 a.m., depart fair 5:30 p.m. www.thebigestatefair.com/docs/Fair_info/09Brochure.pdf.

Bronx Zoo: Sat., 9/26. \$23/person includes coach and “Total Experience” ticket. Leave BNL 9 a.m., leave zoo 5 p.m. Children two and under who sit on your lap are free.

NASCAR, Dover Internat’l Speedway: Sun., 9/27. \$120/person includes coach, race, picnic. Four-ticket max/person for first 2 weeks of sales.

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."

LABORATORY RECRUITMENT – Opportunities for Lab employees only.

MATERIAL HANDLER (LG-3) TWO POSITIONS, TEMP TO 10/1/09 – Performs a variety of laboring and manual tasks in stores operations such as moving, loading, unloading, sorting and storing of materials. May operate motorized equipment pertinent to stores operations. Keeps stores facilities in neat condition. Procurement & Property Management Division. Apply for Job ID # 14979.

OPEN RECRUITMENT – Opportunities for Lab employees & outside candidates.

POSTDOCTORAL RESEARCH ASSOCIATE (Molecular Beam Epitaxy) – Requires a Ph.D. in condensed matter physics. Extensive hands-on experience in depositing thin films of cuprate superconductors and other complex oxides by ultra-high vacuum deposition techniques (molecular beam epitaxy), their characterization of AFM, XRD, XRF, and transport measurements; lithography, device fabrication, and testing is desired, as is a strong record of publications in leading research journals. The Molecular Beam Epitaxy group at the Condensed Matter Physics and Materials Science Department in BNL conducts research on state-of-the-art thin films, multilayers and superlattices of cuprates and related complex oxides with the aim of understanding the basic physics of high-temperature superconductivity. Under the direction of I. Bozovic, Condensed Matter Physics and Materials Science Department. When applying for this position, please add the contact information, including an e-mail address, for at least three references in the Reference box located on the application page. Please note that if you have applied for multiple positions under one application, the same reference information is attached to all those positions. If you elect to use different referees for different positions, apply to each position separately.* Apply for Job ID #14973.

POSTDOCTORAL RESEARCH ASSOCIATE (Electrochemistry) – Requires a Ph.D. in chemistry or a related field, and have strong background in electrochemistry, with experience in one or more of the following areas: photochemistry, mechanistic and kinetic studies in solution and at interfaces, time-resolved spectroscopy such as flash photolysis and pulse radiolysis, and preparation and characterization of transition metal complexes. Will work collaboratively with several scientists including theoretical chemists owing to the interdisciplinary nature of our work. Will explore the production of solar fuels and catalysis of water oxidation using transition metal complexes immobilized on surfaces of semiconductors or electrodes. Will also conduct basic research toward the development of such catalysts including the investigation of their physical and chemical properties, and a mechanistic understanding of their reactions. Under the direction of E. Fujita, Chemistry Department. When applying for a position, please add the contact and email address of at least three references in the Reference box located on the application page as references will be requested upon review of application.* Apply for Job ID #14974.

ENERGY SCIENCE ASSOCIATE II (ENERGY MODELING, P-5, term appointment) – Requires an advanced degree in energy or economics and hands-on experience working with MARKAL and MARKAL variants. Five years' related experience; with two years' experience in energy-related analysis is required. Expertise in the application and modification of the MARKAL model suite of codes is highly desirable. Will be expected to work closely with customers and develop solutions to customer needs, assist in formulating revisions and new features for the MARKAL model, prepare briefings and make presentations as requested, and contribute to technical papers for journals and conferences. Manage and deliver expertise in support of the Department of Energy and other Federal and State agencies' energy/environmental/economic modeling activ-

ities. Will spend significant time in Washington, DC, with the possibility of relocating there in the future. Energy Sciences & Technology Department. ERAP Eligible: \$1,000. Apply for Job ID # 14969.

SECURITY POLICE OFFICER (two positions) – Education/experience requirements: AAS in criminal justice plus relevant working experience or, several years' police or security experience or, military security background. Medical/physical requirements: Successfully pass a physical examination (including drug/alcohol screening) and a psychological examination; must run one 1/2 mile in 4.40 minutes and run 40 yards prone-to-running dash in eight seconds. (This standard must be completed successfully on an annual basis.) Security clearance requirements: Must undergo and receive a favorable disposition in a preliminary background investigation (criminal, credit, prior employment, etc.); must be able to obtain a Q-level security clearance which requires that you: be a US citizen; have no felony convictions or other serious offenses; have an honorable discharge from military, if served (Must provide DD-214). Other requirements: must have valid drivers license and good driving record; qualify with a handgun and sub-machine gun during training; successfully pass an annual physical examination; successfully complete the Security Police Officer training program (out of state travel may be required); may be required to train during non-standard working hours and work varying shifts; must become a member of the Suffolk County Security Police Association; subject to random drug screening. Security Police Officers staff Brookhaven National Laboratory 24 hours per day and seven days per week. Be prepared to work weekends and holidays. Laboratory Protection Division. Apply for Job ID #14977.

ADMINISTRATIVE SECRETARY (A-2) – Requires formal secretarial or office administrative training or equivalent and a minimum of four years' relevant work experience in an administrative or secretarial capacity. Will perform routine and a variety of administrative secretarial functions for the International Safeguards Project Office. Must be proficient in the use of Microsoft Office products, web-based tools, and Adobe Acrobat. Excellent verbal and written skills are essential. Must have the ability to work under pressure, balance priorities, and perform multiple tasks. Knowledge of BNL's office procedures, processes, and tools, including PeopleSoft and the foreign and domestic travel systems desired. Duties will include preparing correspondence and cables, maintaining files, preparing foreign and domestic travel authorizations and expense reports, maintaining and updating an existing website, interfacing with representatives of several U.S. government agencies and contractor organizations, and coordinating meetings. Must exercise initiative, good judgment, and function as a member of a team. Candidate must be a U.S. citizen and be able to obtain and maintain a DOE "Q" clearance. Nonproliferation and National Security Department. Apply for Job ID # 14970.

* BNL policy states that Research Associate appointments may be made to those who have received their doctoral degrees within the past five years.

Motor Vehicles

09 HYUNDAI SANTA FE – 78K mi. 4wd V6, am/fm/cd, abs, roof rack, alloy wheels, silver/grey. \$9,100 neg. 804-7591.
08 MAZDA MIATA MX-5 – 7.9K mi. Silver, leathr seats, 6 spd, manual, satellite radio, 6 CD. \$21,500 neg. Ext. 3078, 834-5718.
06 AUDI A-4 – 53K mi. 3.2L Quattro, black, showrm cond, many extras. \$23,500. Steve, 384-2908.
05 CHRYSLER TOURING 300 – 82K mi. black pearl, mint cond, 6 cyl many extras. \$9,000 neg. Jared, Ext. 4705, 929-4978.
02 NISSAN QUEST GXE 2002 – 85K mi. new brakes, small dents driver side, available mid Aug. \$5,200 neg. 929-0043.
02 HONDA CIVIC EX – 90K mi. 4dr, sunroof, abs, cd, p/w, p/l, 5spd. \$6,000 neg. 745-9611.
00 HONDA ACCORD LX – 149K mi. 4cyl, 4dr, a/t a/c, snow tires w/rims, orig owner. \$3,000 neg. Shigeki, Ext. 2635.
00 BMW Z3 ROADSTER 2.3 – 46K mi. Slvr w blk lthr int., 5 spd manual, a/c, p/s, p/w, p/l, p/seats, heated seats. \$12,995 neg. Ext. 4147, 286-0232 or schlock@bnl.gov.
99 FORD VAN E150 ECONOLINE – 173K mi. well maint. work van w/bins & shelving, air cond., new tires. \$3,500 neg. 312-2670.
98 HONDA CIVIC EX – 148K mi. 2dr coupe, 4cyl, fwd, a/t, a/c, c/c, pwr locks, am/fm/cd/aux plug in, alarm. \$2,995 neg. Ext. 7465, 399-3098 or khayes@bnl.gov.
98 NISSAN SENTRA 1998 – 78K mi. 4 dr, runs well, carfax avail, AM/FM missed, minor problem w/left door. \$3,200 neg. Kuanping, Ext. 4675 or kgong@bnl.gov.
97 SUBARU OUTBACK WAGON – 154 mi. gd cond, AC, FM. Blue bk nr \$3500. \$2,800 neg. Ext. 4354, 744-6606, jrmiller@bnl.gov.
97 HONDA ACCORD – 200K mi. V6, runs well, min rust. am/fm cd, rec exhs/tmg belt/water pump/brakes. \$1,750 neg. Richard, Ext. 3932 or wilke@bnl.gov.
97 BMW 528i – 180 mi. black-grey leather int, excel cond, needs some work, list avail from mechanic. \$3,200. 834-1182.

94 GEO PRIZM LSI SEDAN – 104 mi. 4dr, 4cyl, 1.6L, a/t, grt cond, b/o, new parts, gd maint, \$1,500 neg. 682-1386 or glnc11@yahoo.com.

Boats & Marine Supplies

8' ACHILLES LEX88 – inflatable boat, '05, v/gd cond, wood flbrds, oars, storage bag, retractable whls attch. \$400. Ext. 5149.
11' AVON ROVER 3.41 – '99 hypalon inflatable, keel, 3 lg chambers(5p cap); fgl seat, wd oars & transom, choose 3.5hp Nissan or older 5hp Chrysler. \$1,600 neg. Ext. 2788.
13' BOSTON WHALER – 2002 40 hp yamaha, teleflex steering,swivel seats,1998 loadrite trailer, \$2500. Brian, Ext. 4028.
BOAT MOTOR – looking for boat eng. James, Ext. 2705.

Furnishings & Appliances

AIR CONDITIONER – 10,000 Btu wall unit, remote control, 2 yrs old, \$100. Carl, Ext. 3994, 413-8145 or wbooker@bnl.gov.
AIR CONDITIONER – 6000 BTU Window unit \$60. Simone, 929-0043.
AIR CONDITIONERS – Frigidaire 11500 BTU window ac (\$150) & Frigidaire 6000 BTU wdww ac (\$75). Both used 3 yrs, still in box. giordano@bnl.gov.
HAIER WASHING MACHINE – dimension: 20.1x20.1x34", portable, connect directly to sink or faucet. \$40. 682-1386 or glnc11@yahoo.com.
MICROWAVE CABINET – w/wheels, Solid wood - 52 1/2hx17 1/2dx24"w; Twl rack, drawer, storage. shelf for m/wave. photo avail. \$50/obo. Ext. 2198 or lysik@bnl.gov.
QUEEN BED SETS – Sealy Posturepedic Pillowtop, firm, mattress, box/metal frame, v/clean, 2 yrs old, sell/\$400/obo. 682-1386 or glnc11@yahoo.com.
REFRIGERATOR – S-by-side fridge/frzr, 1 yr old, black lacquer finish, 26 cu ft, childl water dispnsr, ice maker, pd/\$749, \$350/ neg. 413-8145 or wbooker@bnl.gov.

Audio, Video & Computers

VARIOUS – 19" TV Insignia \$30, VCR Player Panasonic \$15, Boom box Sony \$20, Printer Epson Stylus CX5200 plus cartridges, just blk & wh, \$25. 929-0043.
YASHICA – 200-AF 35 mm Camera w/AF 70-210 mm lens, Minolta Auto 320 flash, case/bag \$70/obo. 929-0043.

Sports, Hobbies & Pets

AC/DC TICKETS – at Giant Stadium, 7/31 @7:30, sect. 131, seats 7/8, 2 tix @ \$200/face value, grt seats, 456-7122. 744-0038.
ALTO SAXOPHONE – Selmer AS500. Great beginner horn in v gd shape. Hard case incl. Ask \$750 (\$1500 new). Ext. 7021.
BARBELL SET – York, 300lbs., Olympic barbell set \$250.00. Gordon, Ext. 3586 or corbin@bnl.gov.
BICYCLE DOG TRAILER – polystr, waterprf flbrd, zip rear/frt drs w mesh scrn/vinyl wind cvr; safety leash, easy fold/erect. Univ bike hitch, 20" tires, 115 lbs. max. 344-5537.
LEATHER GOLF BAG – gd cond, Molson Ice Ed, plus golf scope, \$35. Cheryl, Ext. 2272 or conrad@bnl.gov.
LEGO – Vikings fortress \$50, ship \$30, catapult \$10, all \$75. Simone, 929-0043.

Miscellaneous

ABS SEIZER – Body By Jake Abs seizer with instructional DVD. \$50. 979-7043.
DEHUMIDIFIER – Westinghouse, runs well, \$25. John, Ext. 4028.
L.I. DUCKS TICKETS – Four tickets for the Aug 23 game. Section 401, Row B, Seats 13 - 16. Face value \$13 - make offer. Karen, Ext. 2596.
VENDING MACHINE – Authentic/Vintage One-Cent Gumball Vending Machine. \$50. Chris, 979-7043.

Wanted

DESKTOP HUTCH/ORGANIZER – Free-standing unit for coll. student's 42" wide desk. 848-3693 or pesposit@bnl.gov.

Lost & Found

LOST & FOUND OFFICE – many items are here in bldg 400, newest item turned in: "Susan's" LG cell phone, Found something? Send it here. ccarter@bnl.gov.
SKETCHER SNEAKERS – Girls white sneakers size 2, lost at the BNL Pool during summer camp swim, most likely the Girls Locker room, maybe went home in your child's bag by mistake. Ext. 7504.

Community Involvement

CHICKEN BBQ – Why cook? Come to St.John's Ukrainian Catholic Church, Franklin St. & Roanoke Ave, Riverhead, Sunday Aug. 2, 3-5pm. Tickets \$15, kids \$10. Call. George, Ext. 5298, 591-1312.

Happenings

ZONTA MEETING – service/advocacy group to advance women's status seeks new members, join us for info, free dinner, Tues. 8/11, 6:15 p.m., Mill House Inn, Yaphank. 929-6442 or peconicbayzonta@optonline.net.

Yard & Garage Sales

BOY SCOUT YARD/BAKE SALE – 163 Clay Potts Rd., Greenlawn, NY. Sat., July 25, 9-4. Many items. To benefit High Adventure Crew. Michael, Ext. 7021.

Tools, House & Garden

110' TABLE SAW – Contractor table 110/220 electric saw works great 100. Rich, Ext. 5319, 835-8309.

BNL's Summer Sundays: 8/2

National Weather Service and Our Environment

BNL invites you to attend a Summer Sundays experience to explore world-class facilities, see a different science show each week, and catch a "View from Space" at a hands-on exhibit in Berkner Hall lobby. Summer Sundays visits are free, handicapped accessible, with no reservations needed. The BNL Cafeteria in Berkner Hall will be open 10 a.m. to 3 p.m. The main gate will be open to incoming Summer Sunday visitors 10 a.m.-3 p.m. Visitors of age 16 and over must bring a photo ID.

This Sunday, bring the family out to see how weather predictions are made for the entire New York metropolitan area. Find out how storms are tracked. Attend the weather-balloon launch. Try to outwit our science magician.

Talks on Wild Life

Talks on the wild life at Brookhaven Lab, to be presented by Tim Green, BNL Natural Resources Management, and BNL's Jennifer Higbie, at the Office of Educational Programs Auditorium, Bldg. 438. Times will be announced at Berkner Hall on Sunday, 8/2.

Visit the National Weather Service

Visit the forecast office where the weather is predicted for New York City, Long Island, the lower Hudson Valley, northeast New Jersey and southern Connecticut. You can see the New York Metropolitan area's only Doppler weather radar unit, plus a satellite broadcast network dish and other weather-forecast instruments. www.weather.gov/nyc. Meet National Weather Service meteorologists, Suffolk County and Red Cross emergency preparedness personnel, members of SKYWARN weather amateur radio network, and others. Bus tickets will be available at the Berkner Hall Reception Desk; buses leave Berkner Hall for the Weather Center every 20 minutes; last facility visit begins at 3 p.m.

Weather Balloon Launch

Witness the 3:30 p.m. launching of a radiosonde weather instrument via a weather balloon! Buses to launch site, located adjacent to the Weather Service offices, leave from Berkner Hall beginning at 2:45pm. www.erh.noaa.gov/er/okx/upperair.htm

The Science of Weather Show

www.techsploration.com/weather.html

Berkner Hall Auditorium: Noon, 1:30 p.m., 3 p.m.

Environmental Extravaganza!

Learn how Long Islanders get their water and how to protect it with our interactive groundwater model; check out the animal footprint display; see how much energy is needed to light a light bulb; test your recycling IQ, take the recycling quiz. Tent located outside Berkner Hall.

LAWN MOWER – Electric, 19", Black & Decker Lawn Hog, 3 yr old, perf condi, Pd \$250 new, \$100, neg. Eli, Ext. 7179.

For Rent

NAPLES, FL – 2br/2ba fully furn condo in gated golf community, special rate: \$1,200/mo, avail till 12/31/09. Seasonal rate after 12/31. 523-7870 or blade@bnl.gov.
WEEKI WACHI, FL – Gulf Coast Ranch, 70m Orlando, 50m Tampa, fly SW direct. Screen/in-grnd pool, SW architecture, 3BRM, 2BTH, DR, firepl, 2x gar - photos. \$500/wk. 344-5537.
BELLPORT – 2 bdrm apt, no pets/smoking. \$1,100/mo. 294-0316.
COOPERSTOWN – 4BR/2BTH home on 200 acres! 10 min to town center. Baseball Hall Of Fame, Dreams Park, Otsego Lake, Glimmerglass Opera. A/C, DSL, Sat TV. Openings Aug 14-21 & Aug 28-Sep4. \$950/wk. Rick, Ext. 3005 or rbuono@bnl.gov.
CORAM – 2 bdrm apt,kit, l/r combo, full bath, grd flr, own ent, no smkg/pets, quiet area, util/cable incl, 1 mo + 1 sec.\$1,250/mo. Erika, ereyes@bnl.gov.
FARMINGVILLE – rm in 2br house, lg bdrm & l/r, int incl, cable-ready, a/c, w/d hookups, bdrm avail furn/unfurn, 15 min to BNL, nr station, pics avail: <http://tinyurl.com/ne2tq7>. \$800/mo neg. 278-9393 or craiggarafola@gmail.com.
MANORVILLE – 3 BR House, winter rental, furnished, non-smoker/no pets, sec. req. Utilities incl. \$1,000/mo. 831-4830.
MEDFORD – House, 5000 sq. ft. w/bsmt, 4bdrm, 2 kitch, a/c, spacious lr, igp, 2-car gar. Avail now. Want professnl or students, clean, responsible, non-smoker. \$2,500/mo neg. tm99999@gmail.com.
MIDDLE ISLAND – 1 bdrm, l/r, full kit & bath bsmt apt, 10 min to BNL, priv ent/drwy, strictly no smkg/pet, int/phone, incl all, 1 mo sec, BNL employee only. \$800/mo. 672-2451 or dioszegi@bnl.gov.
ROCKY POINT – 1 bdrm upper unit, kit, bath, l/r, balcy, quiet co-op comm, nr stores, Indry rm on prem, prkg spot, no smkg/pets, CAC, incl. gas/water. \$1,150/mo. 806-5965.

SHIRLEY – 1rm studio/fit for 1/furn/full bath sep ent/cable/elect/a/c/int/all incl/1mo sec. 5min to stores/beach/LIRR.7 min to Lab. no smkg/pets. \$650/mo. 804-8609.
SHOREHAM – lg furn 1 bdrm apt w/all appli, l/r, d/r, full kit & bath, a/c, util incl, no smkg/pets, pvt ent/drwy, use of back yd, single or couple only, 1 mo sec, 5 min to Lab. \$1,100/mo. Ext. 5263, 375-7959.
SOUND BEACH – Studio w effc kitchn, utils incl, beach rights, priv prkg/en-trance, a/c, new, furnished, i/net, closet space, bamboo floor, email for pics. \$675/mo. 707-3079 or lbarrett@bnl.gov.
YAPHANK – fully furn spacious studio apt for one. hi spd int/all util incl, quiet area 5 min to Lab, no smk/pets, avail 9/1. \$900/mo. 516-205-6712.

For Sale

BOYNTON BEACH, FL – 55+ condo, 2nd flr, 1800sf, 2/2+ den, upgraded, nr shops/restaurants/theater. \$139,900. 561-495-0187.
FLANDERS, NY – boaters paradise, water-front, 30 ft dock, 3 lg bdrm., newly renov, 2 bath, jacuzzi, cath ceiling, gar, 2 zone a/c, nat gas heat, sandy beach Peconic Bay, deck. \$569,000 neg. 834-5718.
PATCHOGUE – 4 bdrm 2.5 bath, v. private .49 acre for sale by owner www.220jayne.com for details 631 875 3867. \$369,000 neg. 875-3867 or brightwoods316@aol.com.

In Appreciation

On behalf of the van Steenberg family, thank you very much for the wonderful dedication ceremony in July, and for the support and caring during my husband's illness and passing. Your thoughtfulness is greatly appreciated.

— Jannie van Steenberg

Thanks to my BNL family for your thoughts and gestures of kindness during our loss.

— The Sutter Family

SERVICES – For a list of services provided by BNL employees, such as brickwork, childcare, tutoring, etc., see the end of "All the Ads" (lower right on the BNL Intranet homepage); for those living off site, call Liz Seubert at 344-2346.



Radar tower at the National Weather Service station in Upton, New York, home of BNL.

Joseph Rubino D061 0205