

BNL Breaks Ground for New Nanocenter



Patricia Dehmer

Breaking ground for the Center for Functional Nanomaterials (CFN) are: (from left) BNL Director Praveen Chaudhari; Michael Holland, DOE Brookhaven Site Office Manager; Donald McConnell, Senior Vice President and Chief Operating Officer, Battelle Memorial Institute; Patricia Dehmer, DOE's Associate Director for Basic Energy Sciences; Congressman Tim Bishop; CFN Director Robert Hwang; and Doon Gibbs, BNL's Associate Laboratory Director, Basic Energy Sciences.

About 400 employees, users, and guests attended a groundbreaking ceremony for BNL's Center for Functional Nanomaterials (CFN) on October 3, at the building site on Rochester Street. Against a backdrop of heavy equipment, the distinguished speakers at the ceremony spoke of the importance and future impact of the facility, which, according to CFN Director Robert Hwang, will "provide leadership in the science agenda for DOE and for the nation."

The CFN — one of five Nanoscale Science Research Centers to be built at DOE national laboratories — will provide researchers with advanced probes and the ability to use new fabrication techniques to study materials at nanoscale dimensions, typically billionths of a meter, or 1,000 times smaller than a human hair. These materials have different chemical and physical properties than bulk materials and could form the basis of new technologies.

Besides Hwang, who gave the opening remarks at the ceremony, the distinguished speakers included: Doon Gibbs, Associate Laboratory Director, Basic Energy Sciences; Laboratory Director Praveen Chaudhari; Donald McConnell, Senior Vice President and Chief Operating Officer, Battelle Memorial Institute; Patricia Dehmer, Associate Director for DOE's Office of Basic Energy Sciences; and local Congressman Tim Bishop.

"The Center for Functional Nanomaterials will be at the forefront of research that is expected to lead to new technolo-

gies, such as faster computers, new communications devices, improved solar energy and new energy alternatives," Congressman Bishop said before the ceremony began. "Long Island is fortunate to have this center here. Everyone reaps benefits when the best minds and the best technology merge to explore the frontiers of science."

In his talk, Bishop said that if the new nanocenter can help to solve the energy problems in the U.S. through scientific innovation — through the creation of new forms of energy as alternatives for fossil fuels — it will be of great importance to the nation.

In addition, Bishop acknowledged the regional significance of the CFN and Brookhaven Lab. He said, "This Lab — this center — are at the core of economic stability that we enjoy on Long Island."

Dehmer spoke of the importance of the National Synchrotron Light Source (NSLS)-II — the planned world-leading successor to the NSLS — and the CFN at Brookhaven Lab, both of which will provide unique capabilities for nanoscience research. "You are at the beginning of a transformation," she said. "The CFN is the start. The NSLS-II is the next step...I encourage you all to embrace it and be part of it because it will be a wonderful time."

McConnell spoke about the impact that Brookhaven's research in nanoscience has already had in the science and technology community. "The CFN is the anchor for the next generation of materials science

here at Brookhaven," he said.

McConnell specifically identified Brookhaven's research in nanocatalysts — making new catalyst materials for fuel cells — as holding promise for making affordable fuel cells within five years. Also, he indicated that Brookhaven's work on nanotubes, nanocomposite materials for which electrical properties can be controlled, has captured the interest of the aircraft industry, with the promise of greater efficiency.

The CFN was designed by HDR Architecture, Inc., of Alexandria, Virginia, and is being constructed by E. W. Howell Co., Inc., of Woodbury, New York. The 94,500-square-foot state-of-the-art laboratory/office facility is expected to attract an estimated 300 researchers from the Northeast annually.

DOE's Office of Basic Energy Sciences is funding the \$81-million CFN project. The contemporary building, which has a metal and glass exterior, will cost \$38 million to build, while specialized equipment, such as electron microscopy facilities and lithography-based fabrication facilities, and engineering and project management will account for the balance of the budget. The facility, which will occupy nine square acres and will accommodate 150 people, will be considered "green," or energy efficient and environmentally friendly, based on the U.S. Green Building Council's rating system. Construction is expected to be completed by March 2007, and experiments are due to begin shortly after that date.

Basic Energy Sciences Directorate Reorganized

The Basic Energy Sciences (BES) Directorate has been reorganized, effective October 1, to foster the directorate's growth through greater interdisciplinary collaboration in support of its scientific themes, and to achieve enhanced operating efficiencies, according to Doon Gibbs, Associate Laboratory Director for BES.

Specifically, the BES Directorate has merged Condensed Matter Physics, previously within the Physics Department's domain, with the Materials Science Department. Also, Gibbs has streamlined BES operations by creating a centralized business office, in which he consolidated administrative business support functions with environment, safety, security and health functions and construction projects.

The reorganized directorate consists of three departments: Chemistry, Condensed Matter Physics and Materials Science, and the Center for Functional Nanomaterials (CFN).

"The merger of Condensed Matter Physics and Materials Science allows us to focus more efficiently on our common scientific themes, and aligns us more closely with the Materials Science and Engineering program within DOE's Office of Basic Energy Sciences," Gibbs said. "Consolidating BES operations should lead to greater efficiency, stability and quality of service within the directorate."

The BES Directorate has a staff of 180 and a budget of about \$52 million. No reductions in staff were made due to the reorganization. The chair for the new Condensed Matter Physics and Materials Science Department is Jim Misewich, previously chair of the Materials Science Department. Ken Koebel, a BNL employee for nearly 15 years working most of that time in the National Synchrotron Light Source (NSLS) business office, has been appointed Business Manager for the new BES Directorate. Stephen McAlary, previously the Chemistry Department Business Manager, has been appointed the BES Deputy Business Manager.

Eventually, the directorate is expected to grow in staff, with approximately 70 to 80 employees in each of the three departments. In addition, the CFN is expected to attract about 300 users from other institutions annually.

The major scientific themes of the BES Directorate are aligned with DOE's "grand challenge" initiatives and the Laboratory's initiatives. The major research directions are: catalysis, involving substances that make chemical reactions work more quickly; strongly correlated and complex systems, for example, trying to understand high-temperature superconductivity; developing new programs at the interface between life and physical sciences, for instance, using biological ideas to design novel nanomaterials with new properties; nanoscale phenomena, for example, developing new nanomaterials to contribute toward energy security; and chemical dynamics, including both combustion and radiation chemistry efforts.

BES scientists use some of the Lab's premier facilities to conduct their research, including the CFN and NSLS. In fact, BES scientists have participated in defining the scientific needs for the design of NSLS II -- the planned successor to the NSLS -- whose scientific program will be closely linked to the CFN.

— Diane Greenberg



Doon Gibbs

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Researchers, Students Conduct Phase 2 Of NYC Urban Dispersion Program

See photo essay on page 2.

Environmental Clean-Up Celebration, 10/14

Everyone is invited to attend a celebration to commemorate the completion of all environmental management construction projects on Friday, October 14, at 10 a.m. in Berkner Hall. U.S. Senator Chuck Schumer and other officials are expected to attend. Refreshments will be served.

Researchers, Students Conduct Phase 2 of NYC Urban Dispersion Program

In August, staff from all three divisions of the Laboratory's Environmental Sciences Department (ES) took part in the second of three study phases of the New York City Urban Dispersion Program. On six separate days, tracer gases were released and tracked by an array of instruments to contribute data to computer models of air movement in urban areas in general and Manhattan in particular. The models will help first responders make prudent evacuation decisions in the event of an accidental or deliberate release of contaminants into the air.

— Kay Cordtz

Photos by Roger Stoutenburgh



(1.) Students and scientists gathered at The New Yorker Hotel in midtown Manhattan in the early morning to assemble tracer sampling equipment.

(2.) Monitoring equipment is transported to sidewalk stations located in a two-kilometer square area of the city.

(3.) Lou Gerlach, ES, places a Brookhaven Atmospheric Tracer Sampler (BATS) into a wire basket fastened to a lamp post. The BATS tracked the presence of the tracer gas during the morning's releases.

(4.) Princilla Francis, a New York City College of Technology student, monitors the release of perfluorocarbon tracer gas at one of the sidewalk stations.

(5.) Dozens of meteorological instruments were deployed

throughout the study area to track wind direction and speed.

(6.) Doniche Derrick, a senior at Medgar Evers College in Brooklyn studying environmental science, keeps an eye on the tracer and meteorological equipment at her sidewalk post.

(7.) Scott Smith, ES, and his student interns make sure their meteorological equipment is operating correctly.

(8.) Tom Watson, ES, confers with Bob Wieser and Ernie Lewis, both ES, pictured with the real-time tracer analysis system mounted in a van that cruised the perimeter of the study area.

(9.) Jerry Allwine of Pacific Northwest National Laboratory coordinated the efforts of many different agencies and labs.

(10.) Allwine conferred frequently about weather conditions with Victor Cassella, a member of BNL's meteorological team.

(11.) At the command center in an empty New York City high school, staff tracked the experiment's progress and conferred on public relations issues. Pictured are, left to right, Kirk Clawson from the National Oceanographic and Atmospheric Administration's Air Resources Laboratory, Allwine, Kay Cordtz from Community, Education, Government & Public Affairs, ES Department Chair Creighton Wirick and Paul Kalb, an ES division head who coordinated the BNL teams.

(12.) John Heiser who led the tracer team describes project details to a television news reporter.

BNL’s ‘Ergo’ Athletes — the Industrial Worker

During their daily Lab Operations, employees perform many tasks that, if done correctly, cause no health problems. However, without a commitment to using common sense and following job-specific health and safety rules, a worker whose tasks include lifting or pulling, for example, may damage muscles, nerves, tendons or ligaments.

The goal of ergonomics — the science of matching jobs to workers and products to users — is to make workers more comfortable and improve their health and productivity. Sports athletes plan their training to lessen body strain and build endurance suited to their particular field. By using ergonomic principles such as maintaining correct posture and avoiding repetitive motions, excessive forces, and over-extended reaches, workers may not become athletes, but they complete their jobs without injury. Another important factor is to use the right tools for the job.

All these factors, and others, are considered in the OHSAS 18001 process that workers follow when performing their job duties. In the OHSAS process, worker and management teams review jobs, assessing what needs to be done and the best way to do it, in what is called a Job Risk Assessment (JRA).

For example, as a result of a JRA performed for cable-pulling operations, workers identified



Roger Stoutenburgh D3400905

that the procedure could be improved by using a particular type of mechanic’s gloves that offer better dexterity and grip. Additionally, they determined they should wear non-slip shoes. The list of what should be considered included: appropriate personal protective equipment; whether using a mechanical pulling device would help in each case; choosing a worker for the job who is physically able to perform the required activities; considering the proper positioning for accessing and pulling the cable that will be most beneficial for both the employee and access to the device; proper lifting and pulling techniques; determining that the area is clear of hazards including electrical, slip, trip, etc.; and whether

the job should be done with a coworker.

In the photo (left), two employees from the Collider-Accelerator Department are pulling copper cable needed for the Relativistic Heavy Ion Collider. To avoid injury, they are using appropriate eyewear, footwear and gloves. Jobs like this one can cause muscle strain in the back, neck and shoulders, so the pulling is done in accordance with “ergo” principles. Matthew Ceglia (front) is wearing mechanics-type gloves, which offer better dexterity and a better feel for the cable and does not allow the cable to slip out of his hands easily. Roger Bonati, who is guiding the cable, is wearing

standard leather gloves. It was decided that this job should be done with a coworker, so they work as a team.

For more information on “ergo” ways to perform tasks, see www.bnl.gov/esh/shsd/programs/program_Area_Ergonomics.asp. If you have ideas for ergonomic improvements, or you need more information, contact Nicole Bernholc, Safety & Health Services Division, Ext. 2027, or bernholc@bnl.gov. Employees are encouraged to submit safety improvement ideas to their supervisor or to the Assistant Laboratory Director for Environment, Safety, Health and Quality, James Tarpinian, Ext. 8370, or tarpinian@bnl.gov.

— Jane Koropsak

Could You Have Diabetes?

Lab offers free diabetes tests for BNLers who may be at risk: Rewards for being screened

According to the American Diabetes Association, 18.2 million Americans have been diagnosed with diabetes, while an estimated 5.2 million others are unaware that they have this disease. Left untreated, diabetes may lead to blindness, heart or kidney disease, neurological problems, amputations due to decreased circulation, and other serious complications. While the exact cause of diabetes is not totally understood, family history of diabetes and factors such as obesity and lack of exercise are known risk factors.

“When you have diabetes, your body may not produce or properly use insulin, a hormone produced by the pancreas that is responsible for the metabolism of sugar,” explains Michael Thorn, BNL’s Health Promotion Coordinator in the Occupational Medicine Clinic (OMC). “You can be treated, but early diagnosis is key.”

Because diabetes is more effectively treated early, BNL’s Health Promotion Program is sponsoring a program, which is designed to promote diabetes awareness and education and encourage testing, during the Lab’s annual HealthFest this October. Says Thorn, “The estimated number of BNL employees with diabetes is higher than the national rate due to the demographics of BNL employees. We encourage eligible employees who are at risk for diabetes to be screened at OMC during HealthFest 2005.”

Eligible employees will be asked to complete a brief questionnaire, and if they are at risk for the disease, free lab tests will be done to determine if further medical evaluation by a personal physician is needed. “We believe this is so important that we are offering \$20 gift cards as incentives to employees who appear to be at risk for the disease, and who agree to be screened and counseled through this program,” adds Thorn. When screening has been completed, the Health Promotion Program will offer an education program with expert speakers for those who have diabetes.

Living with diabetes

Ruth Comas, Manager of the Lab’s Conference Services, says she quickly learned how to deal with the disease when, four years ago, her husband was diagnosed with Type II (non-insulin dependent) diabetes. “My husband was complaining of feeling unusually tired. His doctor ordered routine tests that showed he had Type II diabetes. We adjusted our diet and he began taking medication and is doing fine.”

However, last year Comas’s 17 year-old son Daniel was also diagnosed with diabetes. For him, it was a little more difficult because he has Type I diabetes, which requires insulin injections or the use of an insulin pump. “It was a tough time,” says Comas, “but Daniel is do-

ing well. Even though I am not a diabetic, we attended group support meetings as a family and obtained nutritional information that has really made a difference in how we manage our lives in a healthier fashion. I attended BNL healthcare lectures on diabetes and learned about the insulin pump, which has helped my son maintain the typical lifestyle and schedule of a 17 year-old. Diabetes can be serious, but it’s certainly manageable.”

John Galvin of the Lab’s Media & Communications Office has a somewhat different story to tell. Galvin was diagnosed with insulin-dependent diabetes at 9 years old. “It was more difficult for me to manage my diabetes when I was a child than it is now because I had so many diet restrictions and didn’t always have the self-discipline to stick to them,” says Galvin. “I believe that no matter what age you are when you’re diagnosed with diabetes, as long as you receive proper treatment and follow the advice of your doctor, you can live a normal, healthy life. I consider myself living proof of that.”

Employees are encouraged to make an appointment with the Health Promotion Coordinator, Michael Thorn, Ext. 8612, to participate in the diabetes-screening program. Information is also available at: www.bnl.gov/hr/occmcd/HPP.asp.

—Jane Koropsak

BSA Noon Recital, 10/19 Cello-Guitar Duo



Guitarist Agustin Maruri (left) and cellist Michael Jones will perform together in a concert to be held on Wednesday, October 19, at noon in Berkner Hall. Sponsored by Brookhaven Science Associates, the company that manages Brookhaven Lab, the concert is free and open to the public. All visitors to the Lab age 16 and older must bring a photo ID.

Halloween Costumes Wanted

The BNL Quality of Life/BERA/Recreation Office is collecting Halloween costumes that are clean/gently used for underprivileged children in the local area. Please drop off your costumes to Christine Carter or Joanne Rula, Bldg. 179B.

Arrivals & Departures

— Arrivals —

Raymond Brinas.....Biology
Debra Hubbard.....Plant Eng.
Tuomas Lappi.....Physics
Agnes Mocsy.....Physics
Wynne Schiffer.....Chemistry
Enno Scholz.....Physics
Paul Sorensen.....Physics
Connie Turpin.....Plant. Eng.

— Departures —

Marcia Allocco.....
.....Env. & Waste Mgmt. Svcs.
Jan Bording.....CFN
Frances Burr.....Biology
Peter Garcia.....SSD
Jiansheng Jiang.....Biology
Anatoly Komissarov.....Chemistry
Sergey Panitkin.....Physics
Konstantin Petrov.....Physics
Ronald Picinich.....Magnet
Bruce Style.....P&GA
Michael Thorpe.....Chemistry
Thomas Vogt.....Physics

October is Hispanic Heritage Month And to celebrate...

...FLIK Food Service will serve a Hispanic dish every Wednesday in the cafeteria in Berkner Hall.

...Yvette Malavet-Blum, Director’s Office, will perform a free Latin cabaret show “Latin Rhythms,” sponsored by the Suffolk County libraries. Catch the show at 2 p.m. on Sunday, October 9, at the Bellport Library. For more information and directions to the library, go to www.yvettemalavet.com.

...There will be a Latin Dance on Friday, October 14, from 7 p.m. to midnight at the Brookhaven Center. The evening will start with free dance instruction from 7 to 7:45 p.m., and continue with general dancing to music by DJ Alex. At 9 p.m., guest dancers will perform salsa, merengue, and tango. Tickets cost \$12 if purchased in advance at the BERA Sales Office in Berkner Hall and \$15 at the door and include a cold buffet, dessert, coffee, and a cash bar. This event, which is sponsored by the BERA Hispanic Heritage Club and the BERA Social & Cultural Club with support from the BNL Diversity Office, is open to the public. Visitors to the Lab age 16 and over must carry a photo I.D.

One-on-One Retirement Counseling, 10/21&26

A TIAA-CREF consultant will visit BNL on Friday, October 21, and Wednesday, October 26, to answer employees’ questions about your financial matters.

The consultant will help you:

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

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

CALENDAR OF LABORATORY EVENTS

— WEEK OF 10/10 —

Monday, 10/10

Camping Club Meeting

Noon at the gazebo. All are welcome. New members will be offered a 15-month 2005-2006 sign-up special, which includes two Halloween camp outs, two “deep-fried turkey” camp outs, and two holiday parties, all for \$17.

Tuesday, 10/11

BREA Monthly Business Meeting

Noon-1 p.m., Bldg. 475C, Conference Rm. 107. All are welcome to attend. Graham Campbell, gc@bnl.gov.

Wednesday, 10/12

Agilent Technologies Demo

9:30 a.m.-1:30 p.m., Berkner Hall. Join Agilent experts and test drive the most advanced applications, solutions, and technologies in advanced digital bus design and jitter tools. For more information, call Peter Caputo, 454-4612; Karen Nyholm, 454-4645; or Neil Hoffman, 908-791-3040.

Friday, 10/14

*Latin Dance

7 p.m.-midnight. Brookhaven Center. Celebrate Hispanic Heritage Month at the Latin Dance. See notice at left.

— WEEK OF 10/17 —

Wednesday, 10/19

*BSA Cello-Guitar Recital

Noon, Berkner Hall. Cellist Michael Jones and guitarist Agustin Maruri will perform together. This concert is free and open to the public. Bring your lunch and come and go as you please.

Thursday, 10/20

PTL Vacuum Demo

10 a.m.-2 p.m., Berkner Hall. Representatives from PTL Vacuum will present BNLeers with discounts on their products and services. For more information, contact Bill Branagan, 800-622-4098.

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.

Healthfest 2005

Health, Fitness & Safety

BNL's Month-Long Celebration Of Health, Fitness, Safety

During this year's Healthfest, BNLeers are encouraged to take responsibility for personal health, fitness, and safety. To do so, BNLeers are welcome to take part in Healthfest raffles, health screenings, safety demonstrations, fitness events, and the "Health, Fitness & Safety Fair." For more information, contact Healthfest 2005 Co-chairs Denise DiMeglio, Ext. 2881; or Michael Thorn, Ext. 8612.

— Next Week's Healthfest Events —

Laugh at Lunchtime Monday, 10/10 • noon – 1 p.m.
Berkner Hall, Bldg. 488. Relax, bring your lunch, and enjoy some funny videos.

Massage Day Tuesday, 10/11 • 11 a.m. - 2 p.m.
Berkner Hall, Bldg.488. Enjoy a 10-minute massage by a licensed massage therapist. By appointment only.

Mountain Bike Ride Thursday, 10/13 • noon – 1 p.m.
All are welcome to attend an eight-mile ride, with a five-mile alternate route, along BNL's fire breaks, starting at the gazebo next to the ball field. Bring your own mountain bike. Bike helmets are required. Participants will receive a 2005 Healthfest T-shirt, while supplies last.

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/.

The following positions have been exempted from the freeze by the Deputy Director:

LABORATORY RECRUITMENT – Opportunities for Laboratory employees

TB3102 SR. ADMINISTRATIVE SERVICES ASSISTANT (A-3, reposting) – Requires a minimum of six years' administrative experience including two years at the Laboratory, at least one of which should be utilizing DOE's Foreign Travel Management System (FTMS). In addition, PeopleSoft Travel, excellent written/oral communication skills, excellent organization skills and comprehensive knowledge of Laboratory policies and procedures are also required. Must also be able to work independently, function effectively as a team member, use MS Word, Excel and Outlook, and exercise good judgment as backup to the Official Point of Contact for foreign travel. Responsibilities will include the review/completion of DOE's Request for Foreign Travel and PeopleSoft authorizations, assisting in updating the SBMS Foreign Travel subject area, updating the Foreign Travel Office web page and provide foreign travel guidance for the travelers and their departments. Fiscal Services Division.

TB3671. SR. ADMINISTRATIVE SERVICES ASSISTANT (A-3) - Requires a minimum of an AAS in business or other relevant field, some specialized training in business or management and four years' experience that includes two years at the Laboratory working in a comparable role. Knowledge of Laboratory policies, practices, and procedures, and strong organizational and interpersonal skills are also required, as are excellent skills with MS Office and equivalent software. Specific experience with PeopleSoft and web design are desirable. Will work with minimal supervision as the assistant to the Macromolecular Crystallography Research Resource, operating at the NSLS. Primary responsibilities include organization of a major annual international data-collection course and other program-related courses and conferences, handling of purchasing and accompanying record-keeping for this group of two dozen workers, occasional communication with outside users, assembling scientific progress reports, responding to internal and external

requests for data, tracking of commitments. Biology Department.

OPEN RECRUITMENT – Opportunities for Laboratory employees and outside candidates.

MK5555. SCIENTIST POSITIONS - The Center for Functional Nanomaterials (CFN) seeks computational and theoretical scientists with an interest in science and technology at the nanoscale. Appointments at all levels will be considered. Groundbreaking for a new building for the CFN has been held with operations beginning in the spring 2007. Serious candidates in any area will be considered but emphasis will be in the primary research themes in the CFN: Catalysis, Electronic Nanomaterials, and Soft Matter/Biology. In addition, applicants with an interest in high end computing are encouraged to apply. Candidates must display a record of research accomplishments and funding commensurate with the level of appointment. Applicants should send a CV, including publication list, statement of research interests, and the names and contact information of at least three references to Dr. James W. Davenport, Head, CFN Theory and Computation, Building 463B, Brookhaven National Laboratory, PO Box 5000, Upton, NY 11973, or to jdaven@bnl.gov. For more information visit the CFN web site, www.bnl.gov/cfn. Center for Functional Nanomaterials.

Motor Vehicles & Supplies

04ACURARSX - 5spd. a/t, abs, well maint., like new, 30-35 mpg. 17K mi. \$17,500/neg. Ted, Ext. 7992 or 331-4820.

00 FORD ESCORT ZX2 - a/c, p/s, p/w, p/l, am/fm/cass, red, rear spoiler, 2dr, 4cyl, a/t, excel. cond. 48K mi. \$5,500/neg. Peter, Ext. 5282.

00 BMW 328CI COUPE - a/t, premium package inc. leather seats, steel blue metallic, excellent cond. 35K mi. \$18,700. 744-6423.

98 SINEBAGO ADVENTURER - . 29K mi. \$50,000/neg. John, 924-3492.

98 INFINITI I30 - black w/tan int., tinted windows, excel cond. in & out. 6cyl. p/l, p/b, p/s, p/w. 100K mi. \$7,000/neg. Mary, Ext. 6344.

98 HONDA CIVIC EX COUPE - black, 2 dr., new tires & batt., s/roof, all pwr. excel. cond., must sell. 84K mi. \$5,900/neg. Maryann, Ext. 4705 or 929-4978.

96 SUZUKI RM 125CC - Dirt bike. \$1,700/ neg. 631-831-0851.

96 PONTIAC GRAND AM - a/t, 2dr, 6cyl, abs, p/l, p/w, well maint., runs great, must sell. KBB \$2200, 119K mi. \$1,100/neg. Ms. Wang, Ext. 6160 or 646-244-0230.

95 LINCOLN TOWN CAR - signature series, very clean in/out. 83K mi. \$5,000/neg. Paul, Ext. 5829 or 289-9152.

95 BUICK SKYLARK - drk grn/tan int., 4dr., 6cyl, abs, a/t, a/c, p/s, p/b, p/w, p/l, am/fm/cd, excel cond. 107K mi. \$1,950/neg. Mao, Ext. 7694 or 344-1136 or chenm@bnl.gov.

94 DODGE CARAVAN - 7-pass. minivan, a/c, p/s, dual front air bags. vg. cond. 96 mi. \$1,350/neg. Chen, Ext. 2560 or 949 5257.

94 BMW 325I CONVERTIBLE - red, black top, tan int., loaded, new CD system, speakers, 2nd owner, low mileage, excel. cond. 90K mi. \$7,400. Rick, Ext. 3005 or 874-9639.

94 PONTIAC FIREBIRD - mint cond., 6cyl., new tires, T-tops, new stereo. 101K mi. \$3,900/neg. Mark, 828-6459.

94 TOYOTA COROLLA - Dark grn, 4-cyl, 4-dr, a/c, am/fm/cass, p/s, new alt., batt., starter. Excel. cond. 121K mi. \$2,800. Ext. 5778 or 474-2348.

85 TOYOTA CAMRY - 4-dr. white sedan, 4cyl., 5spd., a/c, p/s, p/b, AM/FM CD player, no dents, runs reliably. 228K mi. \$800/ neg. Greg, 742-1581.

BNL Gives \$68K to Katrina Victims

The numbers are in. BNL employees, retirees, and sub-contractors made personal contributions to the various organizations assisting the victims of Hurricane Katrina totaling \$43,538. In addition, \$25,000 of these donations were matched by Brookhaven Science Associates, making the grand total \$68,538.

Submit Pollution Prevention Proposals Now Through 12/16

Do you have an idea that will reduce waste, conserve natural resources or energy, and save money? If so, then submit your idea to the BNL Pollution Prevention (P2) Council, which started accepting proposals earlier this week. For more information, see next week's Bulletin; visit the P2 website, www.bnl.gov/esd/pollutionpreve/; or contact BNL's P2 Coordinator Peter Pohlot, Ext. 5660, or pohlot@bnl.gov.

Small Business Development Center Workshops

Stony Brook University's (SBU) Small Business Development Center has opened an office in SBU's Incubator at Calverton. This office is staffed by a professional counselor with expertise in all areas of small business management who provides cost-free technical assistance and one-on-one counseling, and free business workshops that are open to the public.

The workshops, which are structured to help understand financial matters, effective marketing, management skill development, marketing to government, and improving profitability, include topics ranging from the most basic pre-business subjects to technical and management assistance. Five of these workshops will be held between October 13 and December 5.

To register or for more information, contact Ann at 632-9140.

Help Support Multiple Sclerosis Society Join Bike Tour of New York City, 10/16

Volunteers are invited to join a team from BNL planning to participate in a bike tour for the Multiple Sclerosis Society of New York, with rides of 30, 45, 60, and 100 miles in and around Manhattan and New Jersey, to be held on Sunday, October 16. Contact: Ofer Rind, rind@bnl.gov, Ext. 6299.

BASEMENT WINDOWS - vinyl, sliders, measure 32" x 16 1/4", 4 for \$20. Ext. 2576.
LEAF BLOWER - Hand held, gas powered, runs well, \$55. Chris, Ext. 2094 or 929-5008.

Miscellaneous

GENERATOR - Generac 4,000 Watt gas w/Tecumseh engine, needs work, best offer above \$200. Donna, Ext. 2826.

PIANO - upright, Knabe, excel. cond., moving, must sell, call for details, \$1,500. Laura, 744-4611.

POOL FILTER - Hayward cartridge type pool filter, used on 20x40 pool, 2 cartridges incl., \$50. Peter, Ext. 4028 or 486-8199.

PORTABLE HOLDING TANK - 32 gal. Black Water, never used, all fittings incl. \$75. Ext. 5055 or 929-7225.

SOIL FILL - clean, sandy soil, 20+ cubic yards, trailer from Manorville. Jim, 344-5537.
WASHER & DRYER - Frigidaire model washer, Maytag dryer, both full size capacity. Ext. 8321 or 804-8609.

WOOD STOVE - Franklin design, top and side load, 32" hi, 27" wide, 24" deep. Can e-mail picture. \$100. neg. . Shane, Ext. 7235 or 345-0063.

Yard & Garage Sales

BELLPORT VILLAGE - 8 Bieselin Rd. Fri./ Sat., Oct 7/8. All household and outdoor items, see <http://tinyurl.com/8fm6r>. Michael, 803-2288.

FARMINGVILLE - 10/8 & 10/9, 10 a.m.-4 p.m., Thomas St., off Hanrahan Ave. Patricia, Ext. 2939.

TAG SALE - Shoreham, Sat., 10/22, moving, many items incl. furn., books, kit. contents. Ashley Lane, 744-4611.

Community Involvement

ARTS AND CRAFT SHOW - Ridge FD, 10/15, 10 a.m.-4 p.m., at Co.1 on Rt. 25. Paul, 924-8143.

Happenings

CHICKEN/RIB DINNERS - \$10/\$12, 10/15, St. Paul Community Church, 117 Ludlam Ave. Riverhead, noon-2 p.m., will deliver. 276-1955.

Free

CAT - less than 1 yr. old, laborers found at boneyard with paw stuck in collar, friendly, filling out, needs home before cold. Laura, Ext. 5035 or 252-7902.

Wanted

APARTMENT - in selden, must have living room. no more than \$800 per month. Joseph, 484-8806.

DVD PLAYER REPAIR - reasonable cost. Ext. 3114 or 344-1064.

LAPTOP WIN2000 - wanted, in working order and for reasonable cost, soon!. Michael, Ext. 4947 or 803-2288.

APARTMENT - 1 bdrm. in Port Jefferson, East Setauket or one bedroom cottage - immediately. 476-1394.

SMALL TABLE - Child reading/writing table (for age 6-10 years), free, or low price. Ext. 3114 or 631-344-1064.

Lost & Found

FOUND: SUNGLASSES - black frame, found in the grass near the sidewalk between Bldgs. 134 and 477 (library). Pat, Ext. 3798.

For Rent

BELLPORT - 1 bdrm; bathroom w/shower-stall. Full kitch/lr. All util and sat. TV connection included. \$900/mo. 286-7088.

On the Web, the Bulletin is located at www.bnl.gov/bnlweb/pubaf/bulletin.html. A calendar listing scientific and technical seminars and lectures is found at www.bnl.gov/bnlweb/pubaf/calendar.html.

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