

William Marciano of Physics Wins J.J. Sakurai Prize

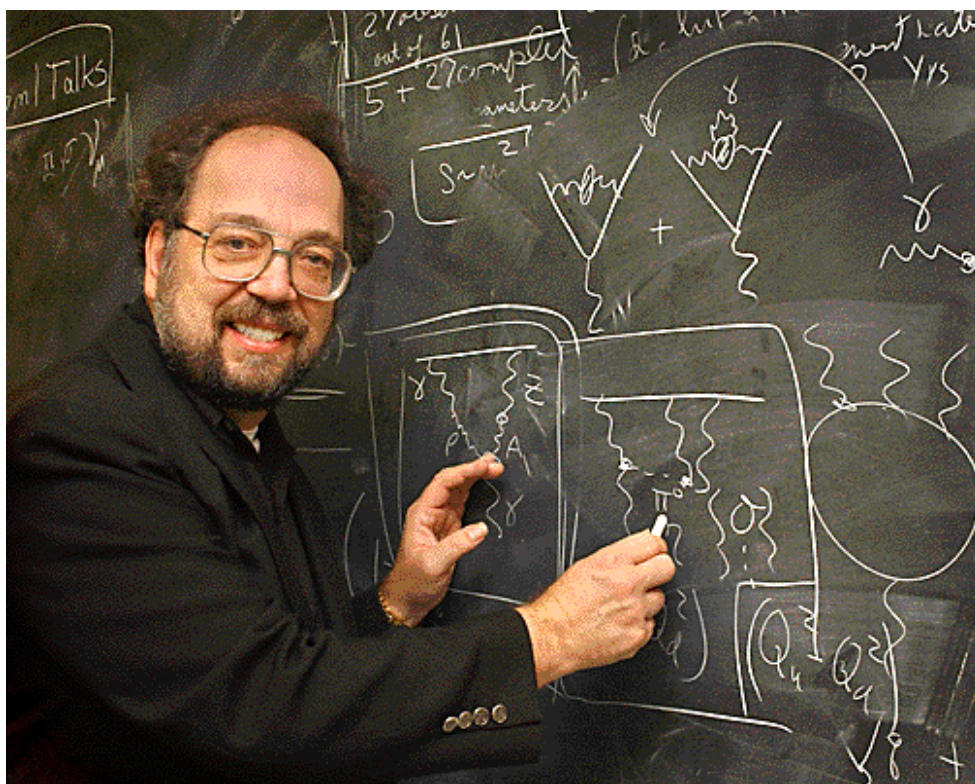
BNL's William Marciano, a theoretical physicist in the Physics Department, has been named a winner of the J.J. Sakurai Prize for Theoretical Particle Physics for 2002. Marciano will share the \$5,000 prize, awarded by the American Physical Society (APS), with Alberto Sirlin of New York University, who was Marciano's thesis advisor and has been a research collaborator for more than 20 years. Marciano and Sirlin will receive the award at an April 2002 meeting of the APS in Albuquerque, New Mexico.

The award recognizes the scientists' "pioneering work" on calculations necessary for testing the consistency of the Standard Model, the physics theory that seeks to explain interactions between all known particles.

"Marciano and Sirlin are the leading experts in this field," said Brookhaven physicist Sally

Dawson, who nominated the pair for the prize.

A recent example of the utility of these calculations is BNL's own "muon g-2" experiment, which last year reported a possible deviation from predictions of the Standard Model. The award selection committee also noted Marciano and Sirlin's pre-

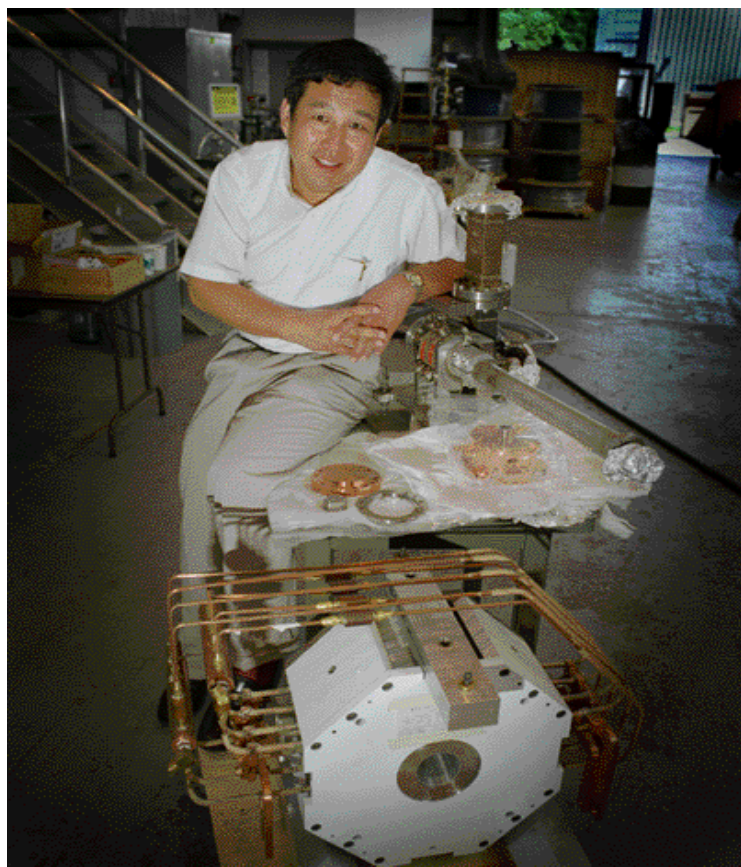


William Marciano

Roger Stouenburgh 00311001

Six New Tenure Awardees Include Xijie Wang

BSA, advised by the Brookhaven Council, granted tenure to six BNL scientists this summer. They are: Radoslav Adzic, Energy Sciences & Technology Department; Milind Diwan, Physics Department; Paul Freimuth, Biology Department; John Haggerty, Physics; Robert Sweet, Biology; and Xijie Wang, National Synchrotron Light Source Department. A series describing some of the accomplishments of each of the six recently tenured scientists began in the Bulletin of September 28. This week Xijie Wang is featured.



Roger Stouenburgh 007-1501

Xijie Wang

For his outstanding contributions to the development, operation, and utilization of the Accelerator Test Facility (ATF), Xijie Wang, ATF Deputy Head, was recommended for tenure by Samuel Krinsky, former acting Chairman of the National Synchrotron Light Source Department.

"Of special note is Xijie's work advancing the state of the art in generating and characterizing high-brightness electron beams," Krinsky said. "He has been able to demonstrate a high level of technical innovation, while being involved in day-to-day ATF operations and providing his technical expertise to its users."

Wang has played a leading role in developing advanced versions of the ATF's photocathode electron guns. In developing electron-beam diagnostics, he has specialized in measuring electron bunches down to a few microns in length.

Xijie Wang received his Ph.D. in accelerator physics from the University of California at Los Angeles in 1992. He came to BNL in 1993 as an assistant physicist and was promoted to associate physicist in 1995 and to physicist in 1997. — Marsha Belford

cision calculations of masses of particles known as "W" and "Z" bosons, which are essential to determining the mass of the yet-to-be-discovered Higgs boson, a particle thought to be the source of all mass.

"I am particularly gratified to be receiving this award with Sirlin, whose pioneering research on this subject extends back to his own student days," Marciano said. "I was fortunate to work with him at a time when his unique expertise in quantum calculations became a strong underpinning for elementary particle physics."

The J. J. Sakurai Prize was endowed in 1984 by the family and friends of Jun John Sakurai as a memorial to and in recognition

of the accomplishments of this renowned theoretical physicist. His theories encouraged particle physicists to examine major ideas in diverse ways and to seek out new theories that crossed distinct genres of physics research.

The prize is intended to reward and encourage outstanding achievement in particle theory, and is normally awarded for theoretical contributions made at an early stage of the recipient's career. The list of past recipients reads like a "who's who" of the high-energy physics community. "It's quite an honor to be added to this distinguished group," Marciano said.

Marciano received his Ph.D. in physics from New York Uni-

versity in 1974. After six years at Rockefeller University, he became an associate professor at Northwestern University. He first came to BNL as a research collaborator in 1978, then joined Physics as a physicist in 1981, when he was also granted tenure. He was promoted to senior physicist in 1986, and led the department's High-Energy Theory Group from 1987 to 1998.

For the past 12 years, Marciano has also been an adjunct professor at Yale University. He has served on the High-Energy Physics Advisory Panel to DOE; various panels on the future of high-energy physics; and physics and scientific (continued on page 3)

Sixth Pine Barrens Research Forum Held at BNL

Highlights Include Drinking-Water Quality, Wildfire-Potential Talks, Battelle's Awards to Student Researchers, Gift of \$5000 to Forum



Attending the 2001 Pine Barrens Research Forum held at BNL on October 4 were: (from left) Tim Green, BNL Environmental Services Division (ESD); George Proios, Assistant Suffolk County Executive for Environmental Affairs; Stephen Jones, Suffolk County Water Authority; Gregory Fess, BNL General Counsel; Ray Corwin, Central Pine Barrens Commission; Michael Holland, Manager, DOE Brookhaven Area Office; Peter Paul, BNL Interim Director; Henry Bokuniewicz, Director, Long Island Ground-water Research Institute of Stony Brook University; Peter Scully, Suffolk County Parks Commissioner; and Jan Naidu, ESD guest scientist. See story on page 2.

Roger Stouenburgh 0071010

Calendar

- The BERA Sales Office is located in Berkner Hall and is open weekdays from 9 a.m. to 3 p.m. For more information on BERA events, contact Andrea Dehler, Ext. 3347; or M. Kay Dellimore, Ext. 2873.
- Additional information for Hospitality Committee events can be found at the Lollipop House and the laundry in the apartment area.
- The Recreation Building (Rec. Bldg.) is located in the apartment area.
- Contact names are provided for most events for more information.
- Calendar events flagged with an asterisk (*) have an accompanying story in this week's Bulletin.

— EACH WEEK —

Mondays: Arts & Crafts

1 p.m., Rec. Bldg. Hospitality event. \$5 per month covers materials. "Make Your Own Necklace" is on-going. Marcia Leite, Ext. 1040, mhsleite@hotmail.com.

Mondays: BNL Gospel Choir

5:15-7 p.m. Rehearsals in Berkner auditorium. Seeking new members, all faiths. Frances Ligon, ligon@bnl.gov, Ext. 3700; Sydel Lamb, lamb@bnl.gov, Ext. 3389; www.bnl.gov/bera/activities/choir/.

Tuesdays: Welcome Coffee

10 to 11:30 a.m. Rec. Bldg. Hospitality event. Come and meet friends. The first Tuesday of every month is special for Lab newcomers and leaving guests. Hospitality Chair Mimi Luccio, 821-1435.

Tuesdays: Toastmasters

Meetings are held the 1st and 3rd Tuesday of each month at 5:30 p.m. and on the 4th Tuesday at 12:05 p.m. in Bldg. 463. Guests and visitors are always welcome. www.bnl.gov/bera/activities/toastmnstr/default.htm.

Wednesdays: BNL Ballroom, Latin & Swing Dance Club

North Ballroom, Brookhaven Center. Marsha Belford, belford@bnl.gov or Ext. 5053; Ron Ondrovic, ondrovic@bnl.gov or Ext. 4553; Sue Perino, perino@bnl.gov or Ext. 2483.

Wednesdays: Cooking Exchange

10 a.m., Rec. Bldg., Hospitality event. Every third Wednesday. \$1 per evening covers the cost of ingredients. Marcia Leite, Ext. 1040, mhsleite@hotmail.com.

Wednesdays: Weight Watchers

noon-1 p.m., Brookhaven Center South Room. Mary Wood, Ext. 5923.

Wednesdays: Yoga Practice

12-1 p.m., Rec. Bldg. Free. Ila Campbell, Ext. 2206.

Wednesdays: Stretch

\$4 per class. 5:15-6:15 p.m., Rec. Bldg. Pat Flood, Ext 7886.

Thursdays: Falun Dafa Class

Free, 12-1 p.m., Rec. Bldg. Falun Dafa refines the body and mind through exercises, meditation. www.falundafa.org.

Tuesdays & Thursdays: Aerobics

\$4 per class. 5:15-6:30 p.m., Rec. Bldg. Pat Flood, Ext 7886.

Tues. & Thurs.: Aqua Aerobics

5:15 p.m. \$2 pool fee per class or pool pass. Mary Wood, Ext 5923.

Mon. Tues. & Thurs.: Cardio Kickboxing

\$5 per class. Mon. & Thurs. noon-1 p.m. in the gym; Tues., 5:15-6:15 p.m. in the gym; Thurs., 5:15-6:15 p.m. in Brookhaven Ctr. Registration is required. Mary Wood, Ext. 5923, or wood2@bnl.gov.

Mon., Wed. & Thu.: Tai Chi

12:15 - 12:45 p.m., Rec. Bldg. Scott Bradley, Ext. 5745, bradley@bnl.gov.

— THIS WEEKEND —

Saturday, 11/3

BNL Ballroom, Latin & Swing Dance Club: November social

8 p.m. to 11:30 p.m., North Ballroom, Brookhaven Center, \$2/person club and BERA members, \$5/person others. Marsha Belford, belford@bnl.gov or Ext. 5053; Ron Ondrovic, ondrovic@bnl.gov or Ext. 4553; Sue Perino, perino@bnl.gov or Ext. 2483.

Sixth Pine Barrens Research Forum at BNL



Roger Stoutenburgh, Dostion

John Black (center, facing forward) from the Center for Community Research, Suffolk County Community College, led a field trip around the BNL site as part of the Pine Barrens Research Forum.

On October 4, about 100 people attending the Sixth Annual Pine Barrens Research Forum hosted by BNL learned about key pine barrens’ issues, such as drinking water quality and fire potential. Sponsors of the Forum include BNL, the Long Island Groundwater Research Institute of Stony Brook University and the Central Pine Barrens Commission.

The BNL site makes up about five percent of the Central Pine Barrens preserve, which is comprised of about 100,000 acres of pitch-pine woodlands, pine-oak forests, coastal plain ponds, swamps, marshes, streams, and bogs. The pine barrens protects the sole source aquifer that provides drinking water for Long Islanders, and it provides a habitat for several threatened and endangered species.

At the forum, after a welcome by Michael Holland, Manager of the Department of Energy’s Brookhaven Area Office, opening remarks were given by BNL Interim Director Peter Paul and George Proios, Assistant Suffolk County Executive for Environmental Affairs.

A key talk given by Suffolk County Water Authority’s (SCWA) Chief Executive Officer Stephen Jones was entitled “Pine Barrens Drinking Water: Research & Development by the SCWA.”

Jones explained that Suffolk County drinking water now

comes from wells drilled on the fringes of the pine barrens, and it must be purified before it is used. In the future, he said, SCWA may drill shallow wells within the pine barrens to tap the purest water available and pipe it to outlying areas.

Jose Gomez Garcia, an undergraduate student at the University of Puerto Rico and a pre-service teacher intern who worked with the Suffolk County Community College and BNL Summer Field Program, gave a talk on “Fire Potential of Woodlands at Brookhaven National Laboratory.”

Garcia indicated that BNL woodlands contained more than 75 years’ worth of accumulated fuel, since the Lab does not sponsor prescribed burns. According to Tim Green of BNL’s Environmental Services Division, prescribed burns may become one tool in BNL’s wildfire management plan program, which is now being developed.

On behalf of Battelle, BNL General Counsel Gregory Fess gave awards to Garcia and also

to Dana MacDonald, a graduate student at Harvard University, to foster students’ interest in environmental sciences. In addition, Battelle donated \$5,000 to the Pine Barrens Research Forum.

The afternoon featured two field trips in the pine barrens: one at Sears Bellows County Park, led by MacDonald, and another at the BNL site, led by John Black, Center for Community Research, Suffolk County Community College.

The forum was originally planned to run for two days, with talks by representatives of a park in Pisa, Italy, as part of a New York State-Italy “Parks Twinning” project. However, said Green, who was one of the forum’s organizers, the tragic events of September 11 caused the Pisa Park’s Board of Managers to postpone their representatives’ visit.

A video of the Pine Barrens Research Forum is available on the web. From the home page at www.bnl.gov, click on WBNL.

— Diane Greenberg

Reduce Your Medical and/or Day-Care Costs

BNL offers comprehensive health plans, but not all expenses are covered in full, such as eyeglasses, physical exams, deductibles, coinsurance, and expenses above reasonable and customary limits. And, although on-site child care is available at the Lab, the cost of child care, as well as elder care, can quickly add up.

Employees can reduce these costs by opening Health Care and Dependent Day Care Reimbursement Accounts. Through salary reduction, these accounts set aside before-tax dollars to pay for out-of-pocket health and dependent daycare expenses. Actual costs are lower because of the tax savings.

Enrollment in these accounts for 2002 continues through November 30. Employees who work at least 20 hours a week may set aside from \$300 to \$3,500 (\$2,500 IBEW union employees) in the Health Care Account and/or \$300 to \$5,000 in the Dependent Day Care Account.

Employees who want to sign up for 2002 must complete new forms, even if they are currently enrolled for 2001. For more information, contact the Benefits Office, Ext. 2877. Forms are available in Bldg. 185. Return completed forms to the Human Resources Division, Bldg. 185, by November 30, for coverage effective January 1, 2002.

Note: The following expenses are not eligible for reimbursement:

- agency fees for au pair placements and adopting children;
- registration fees paid for day care, summer camp;
- preschool, kindergarten, etc., unless these fees are applied toward the first tuition bill, and only if the fees are shown on the bill to be deducted from the regular tuition charge and only once that bill has been paid.

The cost paid to a day care provider for dependents’ meals is a reimbursable expense, unless those meals are included as part of the cost of a field trip or other outing.

BNL/SCCC Summer Students Named Siemens Westinghouse Semi-Finalists Through Research Project at BNL

Three BNL summer students have been named semifinalists in the Siemens Westinghouse Science & Technology Competition. They carried out their research project, titled “Vegetational Assessment of a Section of the Peconic River,” at BNL this summer. The three semifinalists — Alexander Glick, a senior at Smithtown High School; and Elizabeth Guinaw and Joan Komisarek, both seniors at the Academy of St. Joseph, Brentwood — presented their poster at the 2001 Pine Barrens Research Forum.

The students had participated in the Suffolk County Community College (SCCC) and BNL Summer Field Program, sponsored by the Center for Community Research at SCCC and BNL’s Office of Educational Programs. Additional support for the program came from Battelle, the U.S. Fish & Wildlife Service as part of the DOE Upton Ecological Research Reserve management activities, and New York State Senator Kenneth LaValle.

The Siemens Westinghouse Science & Technology Competition fosters intensive research to help students understand the value of scientific study and consider future careers in science, mathematics, engineering, or technology. Winners of the national contest may win college scholarships of up to \$100,000, to be divided equally among team members. — Diane Greenberg

Service Awards

The following employees celebrated BNL service anniversaries during the months of August, 2001:

35 YEARS

Richard Horwitz ITD
Roland Baillargeon Jr. Staff Svcs.
Robert Jansson ITD
Leigh Hawkins Physics

30 YEARS

James Garrison NSLS

25 YEARS

Pavel Rehak Instrumentation
Judith Williams Env. Sci.
William Pratt NNS
William Lenz Physics

20 YEARS

Richard Chernis Central Shops
Walter Shaffer C-A
Susan Wells BSD
Daniel Schiappa Magnet
Paul Zahra Rad. Ctrl.
Richard Rossetti SSD
Dean Ince Magnet
David Alexoff Chemistry

10 YEARS

Michael Harrison Magnet
Linda Sinatra Fiscal
Thomas Kerner C-A
David Passarello C-A
Thomas Burke ERD
Michael Lehecka NSLS
James Cammarata Magnet
Kenneth Jones Physics
Joseph Gormley Magnet
Dianne Polowczyk OMC
Carmine Guarino Magnet

Recital

Wednesday, 11/7, Pianist Xun Wang



Pianist Xun Wang will give a noon recital on Wednesday, November 7, in Berkner Hall. Born in China in 1979, Wang entered the Central Music Conservatory at age seven. He was featured as soloist with the Beijing Philharmonic, the Tenerife Symphony, the Cincinnati Symphony Orchestra, and the Chinese National Youth Orchestra. Wang also has won first prize in the Xin Hai National, Senigalia International, and Stravinsky International Piano competitions, and second prize in the Grace Welsh International Piano Competition. Now in his final year at Juilliard, he has been the recipient of the Maro and Anahid Ajemian Scholarship, Michael and Ethel L. Cohen Scholarship, Howard and Ethel Ross Piano Scholarship, and the John Seregi Scholarship in Piano. Last month Wang won the Gina Bachauer International Competition and received the opportunity to give a live performance on WQXR.

Wang's program includes two Nocturnes and two Etudes by Chopin, and three movements by Stravinsky for the ballet *Petrouchka*.

Noon recitals are open to the public and free of charge.

Marciano (cont'd.)

advisory boards at the Stanford Linear Accelerator Center, Fermi National Laboratory, the Superconducting Supercollider, Los Alamos National Laboratory, and BNL.

Marciano was also recently awarded a 2001 Research Award by the Alexander von Humboldt Foundation in Germany.

The award will help support his stay for six months to a year at the University of Karlsruhe, where he will be hosted by Johann H. Kuhn. There he expects to continue his work on precision electro-weak studies.

— Karen McNulty Walsh

Coming Up
BSA Distinguished Lecture

The Aging Process

A BSA Distinguished Lecture on "Puzzles and Paradoxes of the Aging Process" will be given on Wednesday, November 14, by biomedical gerontologist Caleb Finch, a professor at the University of Southern California's Ethel Percy Andrus Gerontology Center. The lecture will begin at 4 p.m. in Berkner Hall, and the lecturer will be available for a book signing afterwards.



Roger Stoutenburgh 00211001

Flying High on Site
Diane Bouchier Bird Paintings at BNL

Birds of many different feathers flocked together on the easels in Berkner Hall lobby at the Diane Bouchier art exhibition sponsored by the BNL Art Society on Wednesday, October 24.

Bouchier, known already at the Lab through her 1996 Berkner exhibit of museum-quality botanical art, displayed 23 paintings and drawings of birds that she had seen during her recent stay in the Languedoc region of southern France. These creative and scientifically accurate pictures were enjoyed by the many who attended the entertaining "A Year Not in Provence" talk given that evening in the auditorium by humorist David Bouchier, an essayist for *The New York Times*, a WSHU broadcaster, and the author of five books.

Diane Bouchier's botanical watercolors, which have been widely exhibited, are found in many collections, including the Hunt Institute of Botanical Documentation, the leading international repository of botanical art. Those who missed viewing her bird collection may wish to catch it before too many pictures are sold, at the North Shore Public Library, Route 25A, Shoreham, November 2-30.

Sixty Sons Visited BNL on 'Take Our Sons to Work Day'



Roger Stoutenburgh 0016-215-01

Daniel Skaritka, son of John Skaritka of the National Synchrotron Light Source Department, visits BNL's Science Museum on Take Our Sons to Work Day.

Thirteen-year-old Daniel Skaritka was one of 60 participants in the Lab's annual Take our Sons to Work Day. "Daniel thoroughly enjoyed the day here at the Lab," said his father, John Skaritka, a project engineer in the National Synchrotron Light Source Department. "It was nice to be able to show him the work that we do here, and he was grateful for having the opportunity to learn about it."

Daniel and the other 11-to-15-year-old participants spent the morning in their parents' workplace and the afternoon touring the BNL site to learn about the careers available at national laboratories.

As part of the tour, they attended talks given by Dennis Ryan, Bob Miltenberger, and Steve Layendecker of the Radiological Controls Division; a glassblowing demonstration by Barry Lafler in the Chemistry Department; and a hike along the ecology trail on the Peconic River, led by Tim Green of the Environmental Services Division.

The boys also visited the Science Museum, now part of the Office of Educational Programs, where they could learn from several science-themed interactive displays. Museum staff gave demonstrations of cold science, using liquid nitrogen; static electricity, using the Van de Graaff generator; and the Museum's new catenary arch, which requires participants to work together to construct a seven-foot-high arch.

Said Susan Foster, Human Resources Division, who coordinated the event, "While the boys enjoy the day in their parent's workplace, the parents also benefit because the boys see them in a different light. Sons gain a new appreciation of their parent's unique contributions to science."

— John Galvin

Calendar
(continued)

Sunday, 11/4

Manhattan Bus Trip

\$10 for adults, \$5 for children 2-12 years of age. Bus departs Lollipop House at 9 a.m. Employees, guests, & families are welcome. Reserve seats at the Rec. Bldg. on Tues. & Wed., Oct. 30-31, from 10 a.m. to noon. Shashi Somani, Ext. 1064.

— NEXT WEEK —

Wednesday, 11/7

BNL's United Way Fund Drive

United Way Fund Drive starts; Chair Susan Monteleone, Ext. 7235, Co-Chair, Beth Blevins, Ext. 5630.

Thursday, 11/8

BWIS Wine & Cheese Reception

5:15 - 7 p.m., Recreation Ctr. Brookhaven Women in Science welcomes BNLeers to this free social event.

Saturday, 11/10

BERA Shopping Trip

All day shopping at Franklin Mills Discount Mall, Philadelphia, PA. 200 or more stores, no tax on clothes. Bus leaves Brookhaven Center at 7 a.m., returns about 10 p.m. Reserve places at \$20 each from BERA Sales Office.

— WEEK OF 11/12 —

Wednesday, 11/14

Oscilloscope Demo

9:30 a.m. - 2:30 p.m., Berkner Hall. See the new Tektronix TDS500 Series Digital Phosphor Oscilloscope (1 GHz and 500 MHz models) demonstrated by a representative from Exphil Calibration Labs. Other test equipment will be on display from Tektronix, Agilent, Fluke, AEMC, Pomona, Hioki, and others. Representatives will be available to answer questions. Gary, 563-3520.

Divorced & Separated Support Group

noon-1 p.m., Berkner Hall, Room A. Mary Campbell, Ext. 4776, maryc@bnl.gov.

Rifle & Pistol Group Meeting

noon, 2nd Floor Conference Room, Bldg. 120. Jim Durnan, Ext. 5993.

BSA Distinguished Lecture

4 p.m., Berkner Hall. Caleb Finch, University of Southern California, Ethel Percy Andrus Gerontology Center, will present "Puzzles and Paradoxes of the Aging Process." Finch will also be available for book signing.

Thursday, 11/15

Brookhaven Advocacy Council Meeting

Open Session, 12:30-1 p.m., Berkner Hall, Room C. Nancy Warren, Ext. 7548.

Money Talks Seminar

"Long-Term Care Insurance" More information to follow: Joyce Wund, Ext. 7516.

— WEEK OF 11/26 —

Monday, 11/26

IBEW Meeting

6 p.m., Knights of Columbus Hall, Railroad Ave., Patchogue. A meeting for shift workers will be held at 3 p.m. in the union office. The agenda includes regular business, committee reports, and the president's report.

Wednesday, 11/28

Divorced & Separated Support Group

noon-1 p.m., Berkner Hall, Room D. Mary Campbell, Ext. 4776, maryc@bnl.gov.

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. Please enter the information for each event in the order listed above (date, event name, description, and cost) and send it to



Manhattan Trip

The Hospitality Committee invites BNLees to join the bus trip to Manhattan on Sunday, November 4 — day of the New York City Marathon. The bus will depart from the Lollipop House at 9 a.m. Tickets cost \$10 for adults and \$5 for children ages 2-12. Contact Shashi Somani, Ext. 1064.

Opening Hours Change at BNL's Research Library

Beginning on Sunday, November 4, the Research Library's operating hours will be as follows:

Weekdays 8:30 a.m.-7 p.m.
Saturday 9 a.m.-5 p.m.
Sunday closed

The Information Services Division regrets any inconvenience caused by this change in hours. In case of urgent need, access to the Research Library outside normal operating hours may be arranged by request to Bruce Style, Ext. 7832.

Weight Watchers

The first session of Weight Watchers at Work will be held on Wednesday, November 28.

Registration will be held at noon on Wednesday, November 14, in the Brookhaven Center. The registration fee is \$89, which includes 10 sessions.

There will be no registration after the first session. For more information, contact Mary Wood, Ext. 5923, or wood2@bnl.gov.

Due to the upcoming Veterans' and Thanksgiving holidays, the Bulletin will not be published on the Fridays of November 16 or 23.

Dosimetry badges will be exchanged today, Friday, November 2. Remember to place your badge in its assigned rack space before leaving work today.

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 employees within the department/division and/or appropriate bargaining unit, with preference for those within the immediate work group; (2) present 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; call the JOBLINE, Ext. 7744 (344-7744), for a list of all job openings; use a TDD system to access job information by calling (631) 344-6018; or access current job openings on the World Wide Web at www.bnl.gov/JOBS/jobs.html.

OPEN RECRUITMENT – Opportunities for Laboratory employees and outside candidates.

MK2254. ASSISTANT PHYSICIST (S-1) - Requires a Ph.D. in related areas of chemistry, physics or materials science and post-doctoral experience. Knowledge of modern methods of "soft" chemistry and/or familiarity with thin film (sputtering, CVD, laser ablation) and single crystal growth a plus. Will initiate a research program in exploratory materials synthesis as well as enlarge current efforts in solid-state oxide and soft condensed matter synthesis, crystal growth and thin film deposition. Will have strong interactions with scientists from the Condensed Matter Physics Group, the Materials Science Department, the newly established Center for Materials Science and the proposed Center for Nanoscience. Under the direction of T. Vogt, Physics Department.

NS2013. CHEMISTRY ASSOCIATE II (P-5, reposting) - Requires a bachelor's degree in chemistry or a related field, and a minimum of eight years' pertinent experience, including working at an environmental analytical laboratory. Knowledge of Oracle, GIS/Key, Excel and Word are necessary; experience with US EPA National and US EPA Region II data validation procedures, as well as US EPA and NYSDEC analytical and sampling methodologies is required. Knowledge of radiological analytical and validation methodologies is also desirable. Will be responsible for the verification/validation of environmental sampling data, providing technical expertise on environmental data QA/QC issues, and serving as the primary contact for contractor laboratory analytical issues with environmental analytical laboratories. Environmental Services Division.

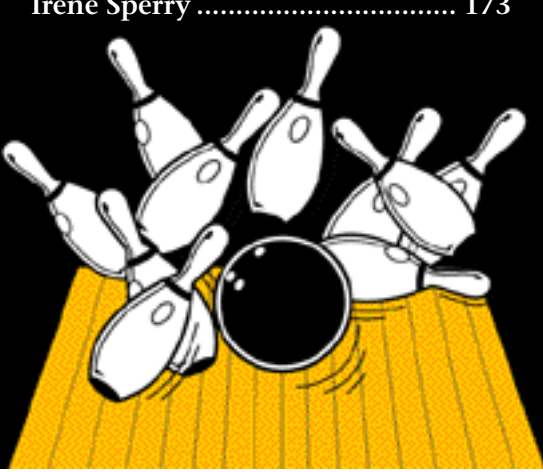
TB2143. CARPENTER (Term Appointment) - Under minimum supervision lays out, constructs, modifies and maintains buildings and component parts from construction drawings, rough sketches or verbal instructions. Works with wood, wood substitutes and combination materials and flooring, roofing and wall materials. Uses hand, portable and fixed tools common to building construction trades. Installs cabinets, door frames, window glass, interior finishes and hang doors. May perform Cabinetmaker duties as required. Plant Engineering Division.

TB7701. SR. TECHNICIAN (TW-3, reposting) - Requires AAS in electronics technology or equivalent. Experience in analog, digital and rf circuits desirable. Responsibilities will include testing, fabricating, maintaining and repair of rf systems for particle accelerators. Must be able to work mandatory overtime and be available during non-scheduled hours to respond to Collider-Accelerator operations. Collider-Accelerator Department.

2002 BNL Holidays*		
Holiday	Holiday Observed	
New Year's Day	Tuesday	January 1
floating holiday	Monday	January 21
(Martin Luther King Jr. Day)		
Presidents' Day	Monday	February 18
Memorial Day	Monday	May 27
Independence Day	Thursday	July 4
floating holiday	Friday	July 5
Labor Day	Monday	September 2
Veterans' Day	Monday	November 11
Thanksgiving	Thursday	November 28
Day after Thanksgiving	Friday	November 29
Christmas Eve (1/2 day)	Tuesday	December 24
Christmas Day	Wednesday	December 25

High Rollers for October 25

Pete Lombardo	256/244/202/702
Paul Campbell	253
Scott Reynolds	212
Ed Meier	202
Ron Picinich	202
John Addressi	199
Sam Logan	190/181
Henry Gent	188
Ken Riker	180
Irene Sperry	173



Thanksgiving is in the air



Please share – give food or \$\$ to the BNL FOOD DRIVE

Send checks to BNL Food Drive, c/o R. Kito, Bldg. 460, or to D. Wadman, Bldg. 599.