

## Season's Greetings

### the Bulletin

Published weekly by the Media & Communications Office for the employees, facility-users, and retirees of Brookhaven National Laboratory.

LIZ SEUBERT, editor  
JOHN GALVIN, reporter  
ROGER STOUTENBURGH, photographer

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On the World Wide Web, the Bulletin is located at [www.pubaf.bnl.gov/bulletin.html](http://www.pubaf.bnl.gov/bulletin.html). A Weekly Calendar listing scientific and technical seminars and lectures is found at [www.bnl.gov/bnlweb/pubaf/calendar.html](http://www.bnl.gov/bnlweb/pubaf/calendar.html).

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Calendar of Laboratory Events

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- 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 —

Weekdays: Free English for Speakers of Other Languages Classes

Beginner, Intermediate, and Advanced classes. Various times. All are welcome. Learn English, make friends. See [www.bnl.gov/esol/schedule.html](http://www.bnl.gov/esol/schedule.html) for schedule. Jon Lynch, Ext. 4884.

**Mondays: BNL Gospel Choir**  
5:15-7 p.m. Berkner Hall. All faiths are welcome. [www.bnl.gov/bera/activities/choir/](http://www.bnl.gov/bera/activities/choir/).

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On the Cover

This winter view from Berkner Hall's roof (CN1-105-00) was photographed by Roger Stoutenburgh of Photography & Graphic Arts (P&GA). Prepared for printing by P&GA's Photography and Graphic Design teams, the Bulletin cover was printed by P&GA's Cornelius Jackson and the Offset Printing Group using the duotone technique, which requires two passes through the Lab's one-color printing press to "mix" the dots of blue and black ink.



Inside Information Good News Is SNO News

Science magazine has just ranked the recent Sudbury Neutrino Observatory (SNO), Canada, findings as the Number Two scientific breakthrough — i.e., *Science's* "first runner up" — in 2002. Also, the American Institute of Physics recently rated the April SNO results as one of the two top physics stories of 2002.

The new evidence from the SNO experiment, in which BNL participates with a Chemistry Department team led by Richard Hahn, solved the well-known "solar neutrino puzzle" — first identified by Nobel Prize winner Ray Davis — by observing that the apparently "missing" electron-type neutrinos from the Sun are in fact changing into the two other types of neutrino on their way to Earth.

Bulletin Readers Share Winter Holiday Memories



This photo of "Our barn at home," was sent by Bet Zimmerman, Environmental Services Division.

Tree Lighting at Rockefeller Center

In December 1998, I was very excited to attend the tree-lighting ceremony at Rockefeller Center for the first time. Although I stood in the massive crowd for over three hours in bitter cold weather, with Jack Frost nipping at my nose, the outcome was a holiday experience of a lifetime for me.

Fortunately, I found a strategic location where I had a clear view of the bands that were entertaining the crowd, and I could even see the television cameras of the Channel 4 NBC News team. At one point, I could see that they were going for a commercial break, and I was approached by a cameraman who told me that, after the break, I would be going live with Al Roker.

I was in a state of shock. The next thing I knew, I was being interviewed by Al. He asked me where I was from, how long I had been waiting, and what were my Christmas wishes. I responded: "I wish that the stock market does well and I also wish for world peace." My friends and family from all across the United States saw me on national television.

Just think, here we are heading into 2003, and those wishes are really needed more than ever! This holiday memory will remain with me forever.

— Melanie Covitz, Staff Services Division

Littlest Carolers Draw Crowds at Berkner Hall



To celebrate the season, children from BNL's Child Development Center sang carols and holiday songs at Berkner Hall on Thursday, December 12.

Caracciolo Recognizes BNL Firefighters



On Wednesday, November 6, Suffolk County Legislator Michael Caracciolo (pictured above, fourth from left) stopped by the BNL firehouse to thank the Lab's Fire/Rescue Group for their assistance following the September 11, 2001, terrorist attacks in New York City. Caracciolo thanked the group for its tireless dedication to service and presented Chief Michael Carroll (third from right) with a painting by Fred Stone, which captures the spirit and emotion of the rescue and recovery operation. Seen above with the Legislator and Carroll are: (from left) Firefighter/Emergency Medical Technician (FF/EMT) Joseph Perry, Fire Captain James Yerry, FF/EMT Allen Licata, Fire Lieutenant Gary Schaum, and FF/EMT William Peterson.

December 8th Porridge

In China, the first holiday in the twelfth month of the lunar year is celebrated on December 8th.

It is said that this holiday originates from Buddhism — that, on the evening of December 8th, Buddha realized "All lives are equal." Every year, on that date, people eat what they call "December 8th porridge" to remember Buddha's finding.

So, the Chinese have eaten December 8th porridge for more than one thousand years, in palaces and public places alike.



Nowadays, on the morning of December 8th, the Chinese still eat the holiday porridge, which can be made of sticky rice, red beans, lotus seeds, longan, granulated sugar, almonds, Chinese dates, walnuts, chestnuts, peach seeds, and varieties of rice.

Herbalist doctors also recommend the porridge as a remedy. Modern Chinese people eat December 8th porridge not only as a tradition, but also for the virtue of austerity and their health. — Ying Chang, wife of Yugang Tan, Collider-Accelerator Department



A holiday memory of Christmas stockings ready for Santa comes from Jim Higgins, Energy Sciences & Technology Department.

On-Site Security Exercises Under Way

Over the next several weeks, the Safeguards & Security Division will be conducting another round of on-site training exercises, both during and after usual working hours. The Police Group's tactical response teams will be actively training around the clock, and some of the exercises will include participation by local law-enforcement agencies. Therefore, employees should expect to see an increased number of BNL police, various other uniformed officers, and marked vehicles on site at any given time.

Miller Place's Elizabeth Schumacher Wins BNL's 2002 'Discovery' Art Prize

The mysterious and inviting "Castle on a Hill" painting by Elizabeth Schumacher, a senior at Miller Place High School, won BNL's 2002 High School Seniors Discovery Art Prize. Funded by BSA, the prize of a \$500 U.S. savings bond is awarded yearly by the BNL Art Society. The Society chooses an artwork that best interprets the theme of "Discovery" from among the approximately 300 entries from about 70 local high schools invited to exhibit in the annual High School Art Show, sponsored by the South Bay Art Association (SBAA) in Bellport.

After the SBAA show, the Discovery prizewinner displays his or her work in an exhibit at BNL. "Castle on a Hill" was on view in Berkner Hall November 25-27. Schumacher, who is taught art by Regina Meier of Miller Place High School, plans a career in art, perhaps majoring in computer graphics.

Garman Harbottle of the BNL Art Society, who judged the entries for the Discovery prize, par-

ticularly commended Schumacher's causeway, "marvelously realized, that seems to beckon us to cross a tidal harbor to arrive at a hill reminiscent of Mont Saint Michel." Harbottle continued, "Atop the hill stands the castle, dark and brooding against the sunset, but with a few lighted windows that signal us to cross, to ascend the hill and explore the castle's secrets as darkness falls."

Harbottle chose this painting because, as he explained, "The image of a causeway across water, ascent of a hill and exploration of a castle's mysteries is an excellent metaphor for the process of exploration and discovery in science. These are the factors that motivate all creativity in scientists: the wish to surpass the well-known, to approach, penetrate and understand the unknown, and to achieve the innermost rooms and secrets of the castle. Elizabeth Schumacher's work expresses this motivation and progression."

— Liz Seubert

Holiday Auction, Yard Sale, Raffle Net \$12,669 for the United Way



United Way Campaign Coordinator Linda Sinatra (seventh from left) is pictured at the Holiday Auction with BNL campaign volunteers.

What a fantastic two days at BNL's holiday auction and yard sale held to benefit the United Way! exclaims Linda Sinatra, coordinator of this year's BNL United Way fund drive. "Dawn Schick, who organized the auction, and Chris Johnson, who oversaw the Plant Engineering yard sale, and all their helpers, did a wonderful job. The total brought in by these events was \$12,669, which will all go to Long Island United Way."

Sinatra explained that the holiday auction baskets brought in \$8,461, and the Plant Engineering Yard Sale took in \$1,839. Walter DeBoer, National Synchrotron Light Source Department, won \$1,669 from the 50/50 raffle. Also, the Magnet Division contributed \$700 by auctioning off their own prize within the division. "Congratulations to all who won and to all who donated their time, gifts, and efforts, and thank you for 'Sharing from Your Heart,'" concludes Sinatra. At time of press on Thursday, December 19, the United Way fund stood at \$80,000. If you have not donated, please send in your pledge to Liz Mogavero, Bldg. 510A, to help to reach this year's goal.

— Liz Seubert

Aqua Aerobics

The next session of Aqua Aerobics starts on Tuesday, January 7, and Thursday, January 9. BNLeers can register for Tuesday and/or Thursday classes that are held from 5:15 to 6:15 p.m. at the pool. The fee is \$20 to attend one class per week and \$40 to attend both classes each week. Pool passes or \$2 pool fees are no longer required. To register, send a check made out to BERA to Mary Wood, Bldg. 490. Be sure to indicate Tuesday and/or Thursday classes.

Ask Santa to Visit

On Tuesday, December 24, Santa and his elf, who are, respectively, Firefighters Al Licata and Frank Palmeri Jr., will make their rounds of BNL's offices, labs, and shops from 9 a.m. to noon. To make your reservation to have Santa and his merry crew visit your workplace at a specified time, call the North Pole, Ext. 2351.



Michael Herbert (CN1-120)

No Bulletin 12/27, 1/3

Due to Lab holidays on Tuesday, 12/24 (half-day), Wednesday, 12/25, and Wednesday, 1/1/03, there will be no Bulletin printed on Friday, December 27, 2002, and Friday, January 3, 2003.

Defensive Driving

A six-hour defensive driving course will be held on Saturday, January 25, 2003, 9 a.m.-3:30 p.m., in Berkner Hall, Room B. The course is open to BNL, BSA, and DOE employees, facility users, guests, and their families. To register, send a check for \$26 per person, made out to Empire Safety Council, in care of Scott Zambelli, P.O. Box 670, Mount Sinai, NY 11766. Include your telephone number on your check. No checks will be refunded after January 23.

cleanupdate Available on Web

Current and archived issues of the Environmental Restoration Division newsletter, *cleanupdate*, are available on-line at <http://www.bnl.gov/erd/cleanupdate.html>.

Current issues are also in Bldg. 134 lobby, or call Tiffany Minter, Ext. 2345.

Arrivals & Departures

Arrivals

Sasa Dordevic ..... Physics  
Iouri Sedykh ..... Chemistry  
Aaron Stein ..... Materials Sci.

Departures

none

Fidelity Investment

A Fidelity Investment representative will be at the Lab on Tuesday, January 14, to hold sessions with individual employees interested in learning more about their retirement-savings and investment options. Schedule one of the 45-minute appointments by calling (800) 642-7131.

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 can 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 JOBSITE, 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/HR/jobs/default.htm](http://www.bnl.gov/HR/jobs/default.htm).

**LABORATORY RECRUITMENT** - Opportunities for Laboratory employees  
TB2068. ADMINISTRATIVE SECRETARY (A-2, Term appointment) - Requires a minimum of six years' administrative experience, proficiency in MS Office applications, excellent written and oral communication skills, and the ability to perform administrative tasks with minimum supervision. A thorough knowledge of Laboratory policies and procedures and BNL systems such as IPAP, PeopleSoft, and procurement practices is desired. Must have the ability to work under pressure, balance priorities, and perform multiple tasks at the same time. The candidate will provide administrative and clerical support as needed to the department, will maintain the NSLS Library, will become the NSLS Records Representative and will have primary administrative/secretarial responsibilities to several groups at the NSLS. National Synchrotron Light Source Department.



On November 25, BNL Interim Director Peter Paul handed Elizabeth Schumacher of Miller Place High School a certificate for BNL's 2002 High School Seniors' "Discovery" Art Prize.

**OPEN RECRUITMENT** - Opportunities for Laboratory employees and outside candidates.  
MK2868. MANAGER, ENVIRONMENTAL AND WASTE MANAGEMENT SERVICES DIVISION (M-3) - Requires a master's degree in environmental science, civil, chemical, or nuclear engineering or closely related field, plus 15 years of environmental protection/waste management experience in positions of increasing responsibility, including at least 5 years' experience managing a technical organization responsible for these programs. In addition, substantial working knowledge of ISO 14001, environmental and waste requirements and programs, and industrial, hazardous, and rad waste operations and facilities management experience is required. Requires excellent technical, leadership, interpersonal and management (people and project), communication, data analysis and decision-making skills and proven ability and successes in: proactively seeking and executing creative solutions, developing and executing strategic plans on time and within budget; motivating staff and leading change, a strong customer service orientation, and negotiating and partnering effectively with line management, DOE, regulators, and public. Will manage the combined Environmental Sciences and Waste Management Divisions, leading the development and delivery of high quality, field-deployed, customer-driven environmental and waste management services. Closing date for receipt of candidates is December 31, 2002. ESH&Q Directorate.

99 TOYOTA COROLLA - beige, all power, 4-dr., 50K mi., ABS, tilt, cruise, excel. cond., \$8,295. Ralph, 315-0145.  
99 HONDA EX - 5-sp., orig. own., hwy. mi., great gas mileage, excel. cond., \$11,500. Fred, Ext. 3451.  
98 MAZDA PROTEGE - white, all power, power moonroof/sunroof, orig. own., excel. cond., 81,500 mi., \$5,150. Ext. 8485 or Ext. 2942.

Motor Vehicles & Supplies

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For Rent

MEDFORD - 2 bdrm apt., full bath, elk, l/rm, ground level, patio, prof. couple or single, no pets, no children. \$900/mo. includes utilities & cable, avail. 2/1/03. Maryann, 758-0790.  
NORTH SELDEN - 3 bdrm house, l/rm, d/rm, elk, full bath, hardwood floors, deck, private property, diamond cond., family neighborhood, 15 min. to Lab., \$1,700 incl. util., Helen, Ext. 6235 or 928-7107.  
ATTITASH, NH - one bdrm, full kitchen, 1/24/03 - 1/31/03, downhill & cross country on site, Royal Crown Resort, \$500/wk. Maryann, 758-0790.  
ST. CROIX, VI - timeshare, Divi Carina Bay, 1 bdrm, sleeps 4, 5/10/03 - 5/17/03, new upper unit overlooks ocean, casino, top rated, \$700. Bill, 732-9102.

Wanted

VOLUNTEERS - to participate in MRI study, must be at least 18 years old, healthy, no medical implants, receive \$40. Maria Taylor, 444-3578.

Happenings

CHRISTMAS EVE CANDLELIGHT SERVICE - 7 p.m., Middle Island United Church of Christ, 65 Middle Country Road, Mid. Isl. Sunday service, 10 a.m. Linda, 924-6201.  
COME HEAR ABOUT IT NIGHT - Gospel night featuring the comedy-drama Gospel play "No More Pain," 1/18/03, Riverhead High School, 700 Harrison Avenue. Donations: \$7 in adv., \$9 at door. Doors open at 6 p.m. For more information, contact Tiffany Minter, Ext. 6273 or 7692.

Ads left out due to lack of space will be printed on January 10, 2003. If you wish to remove your ad by then, contact the Bulletin at Ext. 2345 or minter@bnl.gov.

HOLIDAY CLOSINGS

Food Services

**Cafeteria:** There will be regular services during the holiday season with the following exceptions:  
On December 24, the one-half day holiday, the cafeteria will close at 12:30 p.m.  
The cafeteria will be closed on Christmas and New Year's Days.  
**Center Club:** There will be regular services during the holiday season with the following exceptions: The restaurant will be closed on Christmas Eve and Christmas Day, and New Year's Eve and New Year's Day.  
**Vended Food Services**  
The cold food machines in the Post Office Building, the NSLS, and in Bldg. 912 will be stocked during the holidays.

Shopping Car

There will be no shopping car services on December 25 and January 1.  
**Pool, Gym, Weight Room:**  
Closed 2 p.m. Tues., 12/24 through Wed., 12/25, and again at 2 p.m. on Tues., 12/31 through Wed. 1/1/03.





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Vol. 58 • No. 43

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NATIONAL LABORATORY

December 20, 2002

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8-11:30 p.m. Ballroom, Latin & swing dancing, North Ballroom, Brookhaven Center. Tuesday 12/31, 1/25, 2/15, 3/15, 4/12, 5/17. Marsha Belford, [belford@bnl.gov](mailto:belford@bnl.gov) or Ext. 5053.

### On the Cover

This winter view from Berkner Hall's roof (CN1-105-00) was photographed by Roger Stoutenburgh of Photography & Graphic Arts (P&GA). Prepared for printing by P&GA's Photography and Graphic Design teams, the Bulletin cover was printed by P&GA's Cornelius Jackson and the Offset Printing Group using the duotone technique, which requires two passes through the Lab's one-color printing press to "mix" the dots of blue and black ink.

### Inside Information

## Good News Is SNO News

Science magazine has just ranked the recent Sudbury Neutrino Observatory (SNO), Canada, findings as the Number Two scientific breakthrough — i.e., *Science's* "first runner up" — in 2002. Also, the American Institute of Physics recently rated the April SNO results as one of the two top physics stories of 2002.

The new evidence from the SNO experiment, in which BNL participates with a Chemistry Department team led by Richard Hahn, solved the well-known "solar neutrino puzzle" — first identified by Nobel Prize winner Ray Davis — by observing that the apparently "missing" electron-type neutrinos from the Sun are in fact changing into the two other types of neutrino on their way to Earth.

## Caracciolo Recognizes BNL Firefighters



Roger Stoutenburgh dn191102

On Wednesday, November 6, Suffolk County Legislator Michael Caracciolo (pictured above, fourth from left) stopped by the BNL firehouse to thank the Lab's Fire/Rescue Group for their assistance following the September 11, 2001, terrorist attacks in New York City. Caracciolo thanked the group for its tireless dedication to service and presented Chief Michael Carroll (third from right) with a painting by Fred Stone, which captures the spirit and emotion of the rescue and recovery operation. Seen above with the Legislator and Carroll are: (from left) Firefighter/Emergency Medical Technician (FF/EMT) Joseph Perry, Fire Captain James Yerry, FF/EMT Allen Licata, Fire Lieutenant Gary Schaum, and FF/EMT William Peterson.

## Bulletin Readers Share Winter Holiday Memories



This photo of "Our barn at home," was sent by Bet Zimmerman, Environmental Services Division.

### Tree Lighting at Rockefeller Center

In December 1998, I was very excited to attend the tree-lighting ceremony at Rockefeller Center for the first time. Although I stood in the massive crowd for over three hours in bitter cold weather, with Jack Frost nipping at my nose, the outcome was a holiday experience of a lifetime for me.

Fortunately, I found a strategic location where I had a clear view of the bands that were entertaining the crowd, and I could even see the television cameras of the Channel 4 NBC News team. At one point, I could see that they were going for a commercial break, and I was approached by a cameraman who told me that, after the break, I would be going live with Al Roker.

I was in a state of shock. The next thing I knew, I was being interviewed by Al. He asked me where I was from, how long I had been waiting, and what were my Christmas wishes. I responded: "I wish that the stock market does well and I also wish for world peace." My friends and family from all across the United States saw me on national television.

Just think, here we are heading into 2003, and those wishes are really needed more than ever! This holiday memory will remain with me forever. — Melanie Covitz, Staff Services Division

## Littlest Carolers Draw Crowds at Berkner Hall



Roger Stoutenburgh dn111202

To celebrate the season, children from BNL's Child Development Center sang carols and holiday songs at Berkner Hall on Thursday, December 12.

### December 8th Porridge

In China, the first holiday in the twelfth month of the lunar year is celebrated on December 8th.

It is said that this holiday originates from Buddhism — that, on the evening of December 8th, Buddha realized "All lives are equal." Every year, on that date, people eat what they call "December 8th porridge" to remember Buddha's finding.

So, the Chinese have eaten December 8th porridge for more than one thousand years, in palaces and public places alike.



Nowadays, on the morning of December 8th, the Chinese still eat the holiday porridge, which can be made of sticky rice, red beans, lotus seeds, longan, granulated sugar, almonds, Chinese dates, walnuts, chestnuts, peach seeds, and varieties of rice.

Herbalist doctors also recommend the porridge as a remedy. Modern Chinese people eat December 8th porridge not only as a tradition, but also for the virtue of austerity and their health. — Ying Chang, wife of Yugang Tan, Collider-Accelerator Department



A holiday memory of Christmas stockings ready for Santa comes from Jim Higgins, Energy Sciences & Technology Department.

### On-Site Security Exercises Under Way

Over the next several weeks, the Safeguards & Security Division will be conducting another round of on-site training exercises, both during and after usual working hours. The Police Group's tactical response teams will be actively training around the clock, and some of the exercises will include participation by local law-enforcement agencies. Therefore, employees should expect to see an increased number of BNL police, various other uniformed officers, and marked vehicles on site at any given time.





## Miller Place's Elizabeth Schumacher Wins BNL's 2002 'Discovery' Art Prize

The mysterious and inviting "Castle on a Hill" painting by Elizabeth Schumacher, a senior at Miller Place High School, won BNL's 2002 High School Seniors Discovery Art Prize. Funded by BSA, the prize of a \$500 U.S. savings bond is awarded yearly by the BNL Art Society. The Society chooses an artwork that best interprets the theme of "Discovery" from among the approximately 300 entries from about 70 local high schools invited to exhibit in the annual High School Art Show, sponsored by the South Bay Art Association (SBAA) in Bellport.

After the SBAA show, the Discovery prizewinner displays his or her work in an exhibit at BNL. "Castle on a Hill" was on view in Berkner Hall November 25-27. Schumacher, who is taught art by Regina Meier of Miller Place High School, plans a career in art, perhaps majoring in computer graphics.

Garman Harbottle of the BNL Art Society, who judged the entries for the Discovery prize, par-

ticularly commended Schumacher's causeway, "marvelously realized, that seems to beckon us to cross a tidal harbor to arrive at a hill reminiscent of Mont Saint Michel." Harbottle continued, "Atop the hill stands the castle, dark and brooding against the sunset, but with a few lighted windows that signal us to cross, to ascend the hill and explore the castle's secrets as darkness falls."

Harbottle chose this painting because, as he explained, "The image of a causeway across water, ascent of a hill and exploration of a castle's mysteries is an excellent metaphor for the process of exploration and discovery in science. These are the factors that motivate all creativity in scientists: the wish to surpass the well-known, to approach, penetrate and understand the unknown, and to achieve the innermost rooms and secrets of the castle. Elizabeth Schumacher's work expresses this motivation and progression."

— Liz Seubert



Roger Stoutenburgh D041202

On November 25, BNL Interim Director Peter Paul handed Elizabeth Schumacher of Miller Place High School a certificate for BNL's 2002 High School Seniors "Discovery" Art Prize.

## Holiday Auction, Yard Sale, Raffle Net \$12,669 for the United Way



Roger Stoutenburgh D101202

United Way Campaign Coordinator Linda Sinatra (seventh from left) is pictured at the Holiday Auction with BNL campaign volunteers.

What a fantastic two days at BNL's holiday auction and yard sale held to benefit the United Way!" exclaims Linda Sinatra, coordinator of this year's BNL United Way fund drive. "Dawn Schick, who organized the auction, and Chris Johnson, who oversaw the Plant Engineering yard sale, and all their helpers, did a wonderful job. The total brought in by these events was \$12,669, which will all go to Long Island United Way."

Sinatra explained that the holiday auction baskets brought in \$8,461, and the Plant Engineering Yard Sale took in

\$1,839. Walter DeBoer, National Synchrotron Light Source Department, won \$1,669 from the 50/50 raffle. Also, the Magnet Division contributed \$700 by auctioning off their own prize within the division.

"Congratulations to all who won and to all who donated their time, gifts, and efforts, and thank you for 'Sharing from Your Heart,'" concludes Sinatra.

At time of press on Thursday, December 19, the United Way fund stood at \$80,000. If you have not donated, please send in your pledge to Liz Mogavero, Bldg. 510A, to help to reach this year's goal.

— Liz Seubert

## Aqua Aerobics

The next session of Aqua Aerobics starts on Tuesday, January 7, and Thursday, January 9. BNLeers can register for Tuesday and/or Thursday classes that are held from 5:15 to 6:15 p.m. at the pool. The fee is \$20 to attend one class per week and \$40 to attend both classes each week. Pool passes or \$2 pool fees are no longer required. To register, send a check made out to BERA to Mary Wood, Bldg. 490. Be sure to indicate Tuesday and/or Thursday classes.

## Ask Santa to Visit

On Tuesday, December 24, Santa and his elf, who are, respectively, Firefighters Al Licata and Frank Palmeri Jr., will make their rounds of BNL's offices, labs, and shops from 9 a.m. to noon. To make your reservation to have Santa and his merry crew visit your workplace at a specified time, call the North Pole, Ext. 2351.



Michael Herbert ON-11-1-00

## No Bulletin 12/27, 1/3

Due to Lab holidays on Tuesday, 12/24 (half-day), Wednesday, 12/25, and Wednesday, 1/1/03, there will be no Bulletin printed on Friday, December 27, 2002, and Friday, January 3, 2003.

## Defensive Driving

A six-hour defensive driving course will be held on Saturday, January 25, 2003, 9 a.m.-3:30 p.m., in Berkner Hall, Room B. The course is open to BNL, BSA, and DOE employees, facility users, guests, and their families. To register, send a check for \$26 per person, made out to Empire Safety Council, in care of Scott Zambelli, P.O. Box 670, Mount Sinai, NY 11766. Include your telephone number on your check. No checks will be refunded after January 23.

## cleanupdate Available on Web

Current and archived issues of the Environmental Restoration Division newsletter, *cleanupdate*, are available on-line at <http://www.bnl.gov/erd/cleanupdate.html>.

Current issues are also in Bldg. 134 lobby, or call Tiffany Minter, Ext. 2345.

## Arrivals & Departures

### Arrivals

Sasa Dordevic ..... Physics  
Iouri Sedykh ..... Chemistry  
Aaron Stein ..... Materials Sci.

### Departures

none

## Fidelity Investment

A Fidelity Investment representative will be at the Lab on Tuesday, January 14, to hold sessions with individual employees interested in learning more about their retirement-savings and investment options. Schedule one of the 45-minute appointments by calling (800) 642-7131.

## 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/hr/jobs/default.htm](http://www.bnl.gov/hr/jobs/default.htm).

**LABORATORY RECRUITMENT** - Opportunities for Laboratory employees

TB2068. ADMINISTRATIVE SECRETARY (A-2, Term appointment) - Requires a minimum of six years' administrative experience, proficiency in MS Office applications, excellent written and oral communication skills, and the ability to perform administrative tasks with minimum supervision. A thorough knowledge of Laboratory policies and procedures and BNL systems such as IPAP and PeopleSoft is required. Must have the ability to work under pressure, balance priorities, and perform multiple tasks at the same time. The candidate will provide administrative and clerical support as needed to the department, will maintain the NSLS Library, will become the NSLS Records Representative and will have primary administrative/secretarial responsibilities to several groups at the NSLS. National Synchrotron Light Source Department.

**OPEN RECRUITMENT** - Opportunities for Laboratory employees and outside candidates.

MK2868. MANAGER, ENVIRONMENTAL AND WASTE MANAGEMENT SERVICES DIVISION (M-3) - Requires a master's degree in environmental science, civil, chemical, or nuclear engineering or closely related field, plus 15 years of environmental protection/waste management experience in positions of increasing responsibility, including at least 5 years' experience managing a technical organization responsible for these programs. In addition, substantial working knowledge of ISO 14001, environmental and waste requirements and programs, and industrial, hazardous, and rad waste operations and facilities management experience is required. Requires excellent technical, leadership, interpersonal and management (people and project), communication, data analysis and decision-making skills and proven ability and successes in: proactively seeking and executing creative solutions, developing and executing strategic plans on time and within budget; motivating staff and leading change, a strong customer service orientation, and negotiating and partnering effectively with line management, DOE, regulators, and public. Will manage the combined Environmental Services and Waste Management Divisions, leading the development and delivery of high quality, field-deployed, customer-driven environmental and waste management services. Closing date for receipt of candidates is December 31, 2002. ESH&Q Directorate.

MK2826. POSTDOCTORAL RESEARCH ASSOCIATE - Requires a Ph.D. in chemical physics, physical chemistry, or a related discipline, and a strong background in experimental laser spectroscopy and/or chemical dynamics. A combination of the following experience is desirable: vacuum equipment, mass spectrometry, ion imaging, molecular beam techniques, high-resolution spectroscopy, chemical kinetics, and energy transfer. Research will involve application of Doppler and ion-imaging spectroscopies to detailed characterization of unimolecular reactions and bimolecular collisions. Will work in collaboration with the gas-phase molecular dynamics, spectroscopy, and kinetics group. Under the direction of G. Hall, Chemistry Department.

MK2825. POSTDOCTORAL RESEARCH ASSOCIATE - Requires a Ph.D. in physical chemistry or related field with experience in time-resolved pulse radiolysis, ultrafast laser spectroscopy, design and construction of novel instruments, especially involving fast kinetics and laser spectroscopy, excited-state dynamics, and electron-transfer studies are highly desirable. Will have the opportunity to participate in a number of different studies that may include: 1) excited state structure and dynamics of radicals, ions, and electrons in solution related to energy conversion; 2) projects in electron transfer including strongly coupled donor-bridge-acceptor type systems and possibly nanotechnology-related molecular wires and other devices where charge transport is expected to be very fast; 3) fast primary reactions following ionization in liquids and solids. A significant component of this effort will be to first assist in the development of new and novel optical detection schemes at LEAF, particularly implementation of ultrafast single-shot detection, that are needed to enable these studies. Under the direction of A. Cook and J. Miller, Chemistry Department.

TB3864. SR. SECRETARY (CW-3, part-time, term appointment) - Requires a minimum of three years of work experience, proficiency in MS Office applications such as Word, Excel, Access, Outlook, and Power Point, excellent written and oral communication skills, and the ability to perform administrative tasks under minimum supervision. A thorough knowledge of Laboratory policies and procedures and BNL systems such as IPAP, PeopleSoft, and procurement practices is desired. Must have the ability to work under pressure, balance priorities, and perform multiple tasks and be able to obtain and maintain a security clearance. Responsibilities will include filing, distributing mail ordering supplies, coordinating annual meetings, preparation of monthly meetings binders, large mailings, foreign and domestic travel arrangements, and other routine and non-routine

administrative tasks for the International Safeguards Project Office in the Department of Nonproliferation and National Security. The candidate will backup and fill in for the group's administrative assistant in other areas, as necessary. Nonproliferation & National Security Department.

## Motor Vehicles & Supplies

99 TOYOTA COROLLA - beige, all power, 4-dr., 50K mi., ABS., tilt, cruise, excel. cond., \$8,295. Ralph, 325-0145.

99 HONDA EX - 5-spd., orig. own., hwy. mi., great gas mileage, excel. cond., \$11,500. Fred, Ext. 3451.

98 MAZDA PROTEGE - white, all power, power moonroof/sunroof, orig. own., excel. cond., 81,500 mi., \$5,150. Ext. 8485 or 924-2942.

## For Rent

MEDFORD - 2 bdrm apt., full bath, eik, l/rm, ground level, patio, prof. couple or single, no pets, no children, \$900/mo. includes utilities & cable, avail. 2/1/03. Maryann, 758-0790.

NORTH SELDEN - 3 bdrm house, l/rm, d/rm, eik, full bath, hardwood floors, deck, private property, diamond cond., family neighborhood, 15 min. to Lab., \$1,700 incl. util. Helen, Ext. 6235 or 928-7107.

ATTITASH, NH - one bdrm, full kitchen, 1/24/03 - 1/31/03, downhill & cross country on site, Royal Crown Resort, \$500/wk. Maryann, 758-0790.

ST. CROIX, VI - timeshare, Divi Carina Bay, 1 bdrm, sleeps 4, 5/10/03 - 5/17/03, new upper unit overlooks ocean, casino, top rated, \$700. Bill, 732-9102.

## Wanted

VOLUNTEERS - to participate in MRI study, must be at least 18 years old, healthy, no medical implants, receive \$40. Maria Taylor, 444-3578.

## Happenings

CHRISTMAS EVE CANDLELIGHT SERVICE - 7 p.m., Middle Island United Church of Christ, 645 Middle Country Road, Mid. Isl. Sunday service, 10 a.m. Linda, 924-6201.

COME HEAR ABOUT IT NIGHT - Gospel night featuring the comedy-drama Gospel play "No More Pain," 1/18/03, Riverhead High School, 700 Harrison Avenue. Donations: \$7 in adv., \$9 at door. Doors open at 6 p.m. For more information, contact Tiffany Minter, Ext. 6273 or 7692.

Ads left out due to lack of space will be printed on January 10, 2003. If you wish to remove your ad by then, contact the Bulletin at Ext. 2345 or [minter@bnl.gov](mailto:minter@bnl.gov).

## HOLIDAY CLOSINGS

### Food Services

**Cafeteria:** There will be regular services during the holiday season with the following exceptions:

On December 24, the one-half day holiday, the cafeteria will close at 12:30 p.m.

The cafeteria will be closed on Christmas and New Year's Days.

**Center Club:** There will be regular services during the holiday season with the following exceptions: The restaurant will be closed on Christmas Eve and Christmas Day, and New Year's Eve and New Year's Day.

### Vended Food Services

The cold food machines in the Post Office Building, the NSLS, and in Bldg. 912 will be stocked during the holidays.

### Shopping Car

There will be no shopping car services on December 25 and January 1.

### Pool, Gym, Weight Room:

Closed 2 p.m. Tues., 12/24, through Wed., 12/25, and again at 2 p.m. on Tues., 12/31 through Wed. 1/1/03.







# the Bulletin

Published weekly by the Media & Communications Office for the employees, facility-users, and retirees of Brookhaven National Laboratory.

**LIZ SEUBERT**, editor  
**JOHN GALVIN**, reporter  
**ROGER STOUTENBURGH**, photographer

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