the Bulletin

BROOKHAVEN NATIONAL LABORATORY

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Nine Brookhaven Scientists Awarded Tenure

Roger Stoutenburgh CN12-5-00

Nine Brookhaven scientists were awarded tenure this year including: (from left) Yannis Semertzidis, Physics Department; Paul O'Connor, Instrumentation Division; Dimitri Kharzeev, Physics; Jei Wei, Collider-Accelerator Department; and Peter Daum, Environmental Sciences Department. Not pictured are: John Flanagan, Biology Department; Steven Kettell, Larry McLerran, and Michael Tannenbaum, all of Physics.

Brookhaven Science Associates (BSA) has granted tenure to nine Brookhaven scientists this year. They are: ***Paul O'Connor****, Instrumentation Division;* ***Peter Daum****, Environmental Sciences Department;* ***John Flanagan****, Biology Department;* ***Steven Kettell****, Physics Department;* ***Dimitri Kharzeev****, Physics;* ***Larry McLerran****, Physics;* ***Yannis Semertzidis****, Physics;* ***Michael Tannenbaum****, Physics;* ***Jie Wei****, Collider-Accelerator Department.*

Tenure appointments are granted only by action of the BSA Board after a rigorous selection procedure overseen by the BSA Science and Technology Steering Committee.

As described in the Scientific Staff Manual, a tenure appointment "constitutes recognition of independent accomplishment of a high order in the performance of original research or of other intellectually creative activity appropriate to the purposes of the Laboratory."

Recognition may be earned through significant contributions to knowledge related to the purposes of the Laboratory and/or in furtherance of the aims of the Laboratory, through continuing contributions of outstanding significance to productive uses of the facilities, or through outstanding and creative contributions to their design, development, and improvement.

A description of the accomplishments of each of the nine recent tenure appointments follows.

Peter Daum

Atmospheric chemist Peter Daum has received tenure in the Environmental Sciences Department (ES). Recognizing Daum's achievements in cloud chemistry, instrumentation, and the design and interpretation of multi-institution atmospheric field studies, ES chair Creighton Wirick said, "Daum has done much to establish the national reputation of BNL's field measurement program in atmospheric chemistry."

Daum played a central role in the 1991 Kuwait Oil-Fire Plume Study; the 1993 North Atlantic Regional Experiment; the 1995 Southern Oxidant Study in Nashville; and was chief scientist for the TexAQS-2000 air quality study.

Daum, who received his Ph.D. in chemistry from Michigan State University, came to BNL in 1980. His work focuses on ozone and aerosol chemistry, cloud chemical and microphysical processes, and the development of instrumentation for measurement of atmospheric trace gases.

John Flanagan

Biophysicist John Flanagan has made notable research contributions in structural biology, an area of increasing importance to the Laboratory and the larger scientific community.

Says Biology Chair Carl Anderson, "John has an outstanding record of scientific achievement," noting that his research has combined creative biochemistry and molecular biology with effective use of physical methods, including major user facilities at BNL.

Focusing on the life cycle of the protein, Flanagan has been particularly interested in structural studies of large interacting systems and is at the forefront of the more challenging investigations of larger interacting protein assemblies (molecular machines).

Flanagan holds a B.A. in chemistry and physics from Earlham College in Indiana and a Ph.D. from the University of Tennessee. He came to BNL in 1993.

Steven Kettell

Steven Kettell, Physics Department, had been a key member of the E787 collaboration at the Alternating Gradient Synchrotron (AGS),

(continued on page 2)

BNL Water Quality

Lab Water Places Third, Beats Bottled Water in First Annual Taste Test

Competing against two other "brands" of public drinking water and one brand of bottled water, BNL's water placed third — beating bottled water — in the Lab's first drinking-water taste-test contest, held during Healthfest 2000 (see story in last week's Bulletin).

The winner of the BNL taste test is the water from the Dix Hills Water District, which also won this year's New York State drinking water contest. Second place went to water from Suffolk County Water Authority (SCWA), which placed second in the state this year. Last in the Lab's contest was Aqua Cool, the bottled water supplied on site.

In the blind taste test, Dix Hills water was labeled sample A, SCWA was sample B, BNL water was sample C, and Aqua Cool sample D.

Judging the contest were 303 BNLers who had stopped by at the BNL Water Quality booth at Healthfest's health, fitness & safety fair on Wednesday, October 25, or Thursday, October 26.

Dix Hills won the contest with 731 points — and the most praises. The judges cited it for being "pure," "clean," "great," "smooth," "mineral," and "most refreshing." SCWA accumulated 671 points for its "very good," "neutral," "clear," "rainwater" and "tap water" taste.

With 634 points, BNL water was praised for being "fresh," "pleasant," "good," and "enjoyable." The most common complaint about BNL water was that it tasted and/or smelled of chlorine.

Meanwhile, Aqua Pure scored only 614 points. Interestingly, those who liked public water found the bottled water to be "flat," "bland," and "tasteless," while those who rated the bottled water number one did not like the "mineral" taste of the public waters.

Some 40 judges could not detect any taste difference among the waters sampled.

(continued on page 2)

Joe Rubino CN10-107-00

During the Healthfest Fitness Walk on October 23 and the Fitness Run on October 24, BNL drinking water was supplied to the participants by the staff of the Water Treatment Facility (WTF) and helpers — including Heather Barcelo (right), who is the daughter of WTF engineer Steve Barcelo (third from right). Also pictured are WTF engineer Joe Tullo (second from right) and Healthfest walkers (from left) Fred Benjamin (who also won one of the prizes raffled away by the BNL Water Quality booth at the Healthfest fair), Charlie Beihl and Melanie Covitz.

Calendar

of Laboratory Events

- *The BERA Sales Office is located in Berkner Hall. It is open on 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 Room in the apartment area.*
- *The Recreation Building is located in the apartment area.*
- *Calendar events flagged with an asterisk (*) have a longer story appearing in this week's Bulletin.*

— EACH WEEK —

Tuesdays: Welcome Coffee

10-11:30 a.m. Recreation Bldg. Newcomers meet friends. Mimi Luccio, 821-1435 — Hospitality event

Wednesdays: On-Site Play Group

9:30 a.m.-11:30 a.m. Recreation Bldg. Parents can meet while children play. Free, drop in any time. Monique de la Bey, 399-7656. — Hospitality event.

Wednesdays: Yoga Practice Sessions

Free, 12:10-12:50 p.m. Recreation Bldg. More information: Ext. 3924.

Tues. & Thurs: Aerobic Dance

5:15 p.m., Recreation Bldg. $4 per class or $35 for any 10 classes. Pat Flood, Ext. 7886, Susan Monteleone, Ext. 7235.

Mondays & Thursdays: *Christmas Concert Rehearsals

From 11/27 to 12/18 at noon in Berkner Hall. Liz Seubert, Ext. 2346 or Bob Miltenberger, Ext. 2503.

Mon., Tues., & Thurs: Cardio Kickboxing

Day Classes: *noon-1 p.m. Mondays and Thursdays*
Evening Classes
5:15-6:15 p.m. Tues. &Thurs. Mary Wood, Ext. 5923, wood2@bnl.gov.

— NEXT WEEK —

Saturday, 12/9

Radio City Christmas Show

BERA event — Sold out.

Sunday, 12/10

Bus Trip to Manhattan

Bus departs at 9 a.m. from the Lollipop House and returns at 6 p.m.
$10 - adults
$5 - children age 2-12
Joe O'Conor, Ext. 2212

Tuesday, 12/12

Peconic Cleanup Workshop

8:30 a.m.-5 p.m., Berkner Hall.

Peconic Poster Session

6-9 p.m., Berkner Hall.

Wednesday, 12/13

***Noon Recital**

Stony Brook Women's Choir presents, "A Ceremony of Carols" in Berkner Hall.

Rifle & Pistol Club

noon, 535A conference room. Jim Durnan, Ext 5993, or the club's hotline, Ext. 2658.

Tenure *(cont'd.)*

which led to the discovery in 1997 of the rarest decay of a subatomic particle ever detected — a phenomenon known as a rare kaon decay that physicists had been searching for since the 1960s.

Kettell also led the team that proposed E949, an experiment that will use an extremely sensitive detector at the AGS to measure the rare kaon decay first observed in E787.

Physics Department Chair Michael Murtagh said, "Steve is a talented experimenter with exceptional technical capabilities, an excellent grasp of his subject and superb leadership skills."

Kettell earned a Ph.D. in physics from Yale University in 1990 and worked as a postdoctoral research associate at Temple University before he joined BNL as an assistant physicist in 1992. He became an associate physicist in 1994 and physicist in 1996.

Dmitri Kharzeev

Nuclear Theory Group physicist Dmitri Kharzeev has received tenure in the Physics Department. According to department chair Michael Murtagh, Kharzeev has a worldwide reputation in high-energy nuclear theory and phenomenology, and is a recognized leader in the theory of the quark-gluon plasma.

"He is a superior physicist — one of the most highly sought after young theorists in this area — who can relate to both the experimental and theoretical communities," Murtagh said. "We are very fortunate that he has chosen to remain at BNL."

Kharzeev came to BNL in 1997 after holding positions at the National Institute of Nuclear Physics, Pavia, Italy; the Theory Division at CERN; and Bielefeld University, Germany. He received his Ph.D. in physics from Moscow State University.

Larry McLerran

Tenure has been granted to Larry McLerran, Head of the Nuclear Theory Group, who is a world-renowned leader in the field of high-energy heavy-ion theory. As one of the founders of the field of ultrarelativistic heavy-ion physics, McLerran is cited for being the first to consider how ultrarelativistic heavy-ion collisions can explore new phases of matter predicted by QCD.

"Larry is one of the dominant contributors to QCD theory, especially as it relates to high-energy nuclear theory," says Physics Department Chair Michael Murtagh. "In addition to being recognized for his seminal contribution to this field, Larry is known for important contributions to other areas, as well as for being an excellent teacher and mentor of young scientists. There is no one better to understand the world revealed by RHIC and to head BNL's Nuclear Theory Group at the dawn of the RHIC era."

McLerran received his Ph.D. from the University of Wisconsin in 1975. He came to BNL last year from the University of Minnesota, where he had been a professor of physics.

Paul O'Connor

Paul O'Connor, a physicist in the Instrumentation Division, was awarded tenure for his outstanding contributions to the development of new instrumentation techniques based on low-noise microelectronics.

By reducing the random "noise," or unwanted background signals arising in electronic circuits, O'Connor has improved the functioning of numerous research detectors at BNL and elsewhere, including PHENIX and STAR at the Relativistic Heavy Ion Collider and x-ray detectors at the National Synchrotron Light Source.

Veljko Radeka, chair of the Instrumentation Division, praised O'Connor as "a foremost intellectual resource in solving any instrumentation or measurement problem requiring a new development in low-noise microelectronics."

After earning a Ph.D. in physics from Brown University in 1980, O'Connor designed high-speed semiconductor devices for AT&T Bell Laboratories before joining BNL's Instrumentation Division in 1990. O'Connor received the BNL Distinguished R&D Award in 1998.

Yannis Semertzidis

Physicist Yannis Semertzidis has been an important contributor to the muon g-2 experiment at Brookhaven, and has played a major role in developing dark matter and particle detectors.

"Yannis is a young, talented experimenter with an already-impressive body of original and significant research," said Physics Chair Michael Murtaugh. "He is unusual for a high energy physicist in that he has exceptional technical skills coupled with strong, diverse physics interests."

Along with his being lauded for developing major technical innovations that were key to improving the g-2 experiment, Semertzidis has simultaneously taking on a leadership role in data analysis for the project.

Semertzidis holds a B.S. in physics from Aristotle University in Greece and an M.S. and Ph.D in physics from the University of Rochester. He came to BNL in 1992.

Michael Tannenbaum

For his innovative, diverse and productive career in high-energy and nuclear physics, Michael Tannenbaum, Deputy PHENIX Group Leader, was strongly recommended for tenure by Physics Department Chair Michael Murtagh.

"Mike's early work on muons is universally recognized, and he was an early advocate for the Lab's heavy-ion research program, through his involvement in the E802/E866 series of AGS experiments and as one of the proponents of the RHIC physics program," comments Murtagh.

"Mike's most singular achievement at BNL has been his work for the RHIC spin program, as one of the first and most persistent advocates for the use of polarized beams to explore intermediate vector boson physics and to search for the compositeness of quarks."

Tannenbaum received his Ph.D. in physics from Columbia University in 1965. He came to BNL in 1980, and was promoted to Senior Physicist in 1987.

Jie Wei

Physicist Jie Wei is recognized for his outstanding and creative contributions to the design, development, and improvement of the Relativistic Heavy Ion Collider, recently commissioned at BNL, and the Spallation Neutron Source, being built in Tennessee.

"During his years at Brookhaven, Jie has grown from a promising young physicist into an eminent accelerator expert," says Satoshi Ozaki, Assistant to the Director and former RHIC Project Director. Adds Collider Accelerator Department Chair Derek Lowenstein, "He has addressed practically every accelerator physics problem, be it general longitudinal beam dynamics, interaction region optics, the impact of intra-beam scattering on luminosity and beam lifetime, or stochastic cooling as a means of future luminosity improvement."

Wei joined BNL in 1990. He holds a B.S. in physics from Tsinghua University in China and a Ph.D. in physics from the State University of New York at Stony Brook.

Water Results *(cont'd.)*

It was also interesting that, of the dozen contest participants who voluntarily attempted to identify which was BNL's water, only one person was correct, the person who noted: "Tastes like BNL."

While the other public water samples were drawn from a tap along their distribution lines, "The sample of BNL water came directly from the Water Treatment Facility, where the chlorine level is at its highest," explains Water Treatment Facility Engineer Phil Pizzo.

The disinfection of water is considered to be one of the most important advances of the 20th century. Chlorine is one of the most common disinfectants that is added to water to kill such waterborne germs as viruses, bacteria, and protozoa.

"At BNL's Water Treatment Facility, chlorine is added to the water as a liquid, in the form of sodium hypochlorite," explains Bill Chaloupka, Assistant Manager for Operations and Environment, Plant Engineering Division. "The concentration of chlorine, therefore, is highest at the plant, but it decreases over time and as the water travels through the distribution system."

As a result, adds Pizzo, "Next year, we'll draw our sample the same as we did the others — from a tap along the distribution line — and hope to do better in the taste test."

Also at the BNL Water Quality booth, 35 employees brought in samples of water from home, which were analyzed for chlorine, conductivity, iron, and pH.

In a drawing held immediately after Healthfest, all of the booth's raffle prizes — three tap-water filters — were won by employees who work in Bldg. 134: Nelson Cause, Doreen Hallinan, and Fred Benjamin.

Some 99 BNLers filled out the comment card attached to the raffle coupon. Of those, 71 feel that BNL's water is safe to drink, the most noted reasons being because it is treated, tested, and the results are believed. Eleven think that it may be safe to drink, while another 11 believe that it is not safe to drink due to: fear of pollutants, lack of information, too much chlorine, or distrust of old piping. Nine others did not supply an answer to the question.

Seventeen BNLers had general questions about the Lab's water supply, and 19 people had specific questions about 18 drinking-water fountains or taps. These questions will be answered in a future Bulletin.

The 28 recommendations made on the comment cards will be responded to, also in a future Bulletin, by the water quality committee, which includes: PE's Bill Chaloupka and Phil Pizzo; Bob Lee of the Environmental Services Division (ESD); and Marsha Belford of Community Involvement, Government & Public Affairs (CIGPA).

In addition to Belford, Lee, and Pizzo, those staffing the BNL Water Quality booth and/or handing out BNL water during the Healthfest walk and run included: Steve Barcelo, Chris Hanley, Jack Kulesa, Richard Lutz, and Joe Tullo of PE's Water Treatment Facility; Marcia Allocco, Jeff Williams, and Keith Klaus of ESD; and John Galvin, Kathy Geiger, Pete Genzer, Diane Greenberg, Cathy Osiecki, and Mona Rowe of CIGPA. —Marsha Belford

Arrivals & Departures

Arrivals

Luis D. Estevez
Medical
Lynn V. Mendelman
Biology
Lisa Marie Ramirez
Medical
Howard H. Robinson
Biology
Barry L. Winn
NSLS
Tina C. Youngmann
Information Services

Departures

Joseph F. Lombardo
Collider-Accelerator
John F. Schill
Instrumentation
Semyon Shteyngart
Energy Sciences & Technology
Martin Von Zimmermann
Physics

Retiree List Published

The annual publication of the address list of BNL retirees and those on long-term leave has been accomplished as usual — but, this year, the list has been published in a different form.

Retirees will be receiving the annual mailing, which, for easier use, is now an 8-$^1/_2$ x 11-inch booklet. Those on site who wish to access the list may either go to www.pubaf.bnl.gov/memo/retiree_list1100.pdf or to the Bulletin office, Bldg. 134, to pick up a copy.

*2001 BNL Holidays**

Veterans Day was inadvertently left off the list of 2001 BNL holidays published in last Friday's Bulletin. The Bulletin regrets any confusion that this may have caused. The complete holiday list is as follows:

Holiday	Holiday Observed	
New Year's Day	Monday	January 1
floating holiday (Martin Luther King Jr. Day)	Monday	January 15
Presidents' Day	Monday	February 19
Memorial Day	Monday	May 28
Independence Day	Wednesday	July 4
Labor Day	Monday	September 3
floating holiday	Tuesday	September 4
Veterans Day	Monday	November 12
Thanksgiving	Thursday	November 22
Day after Thanksgiving	Friday	November 23
Christmas Eve ($^1/_2$ day)	Monday	December 24
Christmas Day	Tuesday	December 25

** Note: The Bulletin will not be published the Friday of weeks containing BNL holidays.*

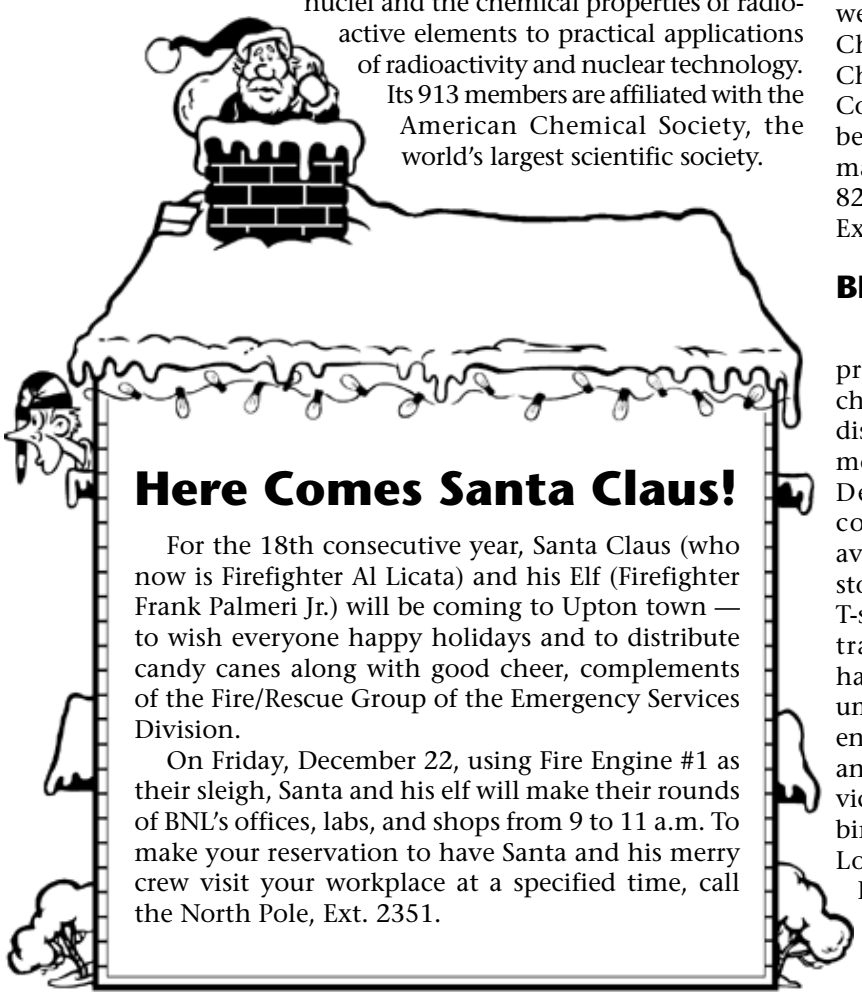
Inside Information

Srivastava to Serve as Vice-Chair to American Chemical Society Division

Suresh Srivastava, Medical Department, was recently elected Vice-Chair Elect for the year 2001 for the Division of Nuclear Chemistry and Technology of the American Chemical Society. In a prescribed sequence, Srivastava will go on to serve as the division's Vice-Chair in 2002, and Chair and Program Chair in 2003.

A senior scientist, Srivastava heads the Radionuclide and Radiopharmaceutical Research Division within the Medical Department. Srivastava develops forefront radiopharmaceuticals for use in clinical medicine. He has made notable contributions in the fields of red blood cell labeling, tin-117m for radiotherapy, and synthesis of improved chelating agents for tagging monoclonal antibodies.

The Division of Nuclear Chemistry and Technology is concerned with a broad range of areas, from fundamental studies of nuclei and the chemical properties of radioactive elements to practical applications of radioactivity and nuclear technology. Its 913 members are affiliated with the American Chemical Society, the world's largest scientific society.



Here Comes Santa Claus!

For the 18th consecutive year, Santa Claus (who now is Firefighter Al Licata) and his Elf (Firefighter Frank Palmeri Jr.) will be coming to Upton town — to wish everyone happy holidays and to distribute candy canes along with good cheer, complements of the Fire/Rescue Group of the Emergency Services Division.

On Friday, December 22, using Fire Engine #1 as their sleigh, Santa and his elf will make their rounds of BNL's offices, labs, and shops from 9 to 11 a.m. To make your reservation to have Santa and his merry crew visit your workplace at a specified time, call the North Pole, Ext. 2351.

BNL's Upcoming Concerts

Classical Indian Music Concert, 12/17

The BERA Indo-American Association will sponsor a classical Indian music concert in Berkner Hall on Sunday, December 17, at 3 p.m. The concert will feature three top-notch musicians from India: Ramesh Mishra, Sanghamitra Chatterjee, and Samir Chatterjee.

Winner of numerous awards for his music, Ramesh Mishra plays a string instrument known as a sarengi. Mishra has performed in numerous music festivals throughout the world. He is currently tutored by the legendary sitar player Ravi Shankar.

Sanghamitra Chatterjee is one of India's leading light classical vocalists. She has performed throughout India and Sri Lanka, as well as in numerous venues in the U.S., including the Smithsonian Institution.

Recognized as an A-rated artist by All India Radio, Samir Chatterjee plays the tabla, or drums. Since 1982, he has given concerts throughout India, the U.S. and Europe. Currently residing in New York, Chatterjee performs locally with various jazz and avant-garde musicians.


Samir Chatterjee

Tickets for the performance may be purchased at the door on the afternoon of the performance. To purchase tickets in advance, contact: Achyut Tope, 345-2677; Srini Iyer, 928-5319; or Kumi Pandya, 218-0050. The cost is $14 for adults. Free admission is offered to children age 10 and under.

Noon Recital, 12/13

The noon recital on Wednesday, December 13, in Berkner Hall, brings the new 22-voice Stony Brook Women's Choir to Brookhaven, under its director, Anastasia Glasheen. They will perform Britten's popular "Ceremony of Carols" accompanied by harpist Margery Fitts, as well as shorter choral works for female voices. Noon recitals are free and open to the public.


Anastasia Glasheen

Hospitality Committee Christmas Dinner Party

The Hospitality Committee will hold a Christmas party on Saturday, December 16, at 5:30 p.m., in the Recreation Building. BNLers are encouraged to bring family and friends as well as a favorite dish to share. Children are invited to sing Christmas carols in a chorus. Cold cuts and soft drinks will be provided. For more information, contact Mimi Luccio, 821-1435, or Rumiko Taketani, Ext. 1004, after 4 p.m.

BERA Gift Ideas

Stop in at the new-and-improved BERA Sales Office to check out the new merchandise, including special $5 U.A. movie tickets (for use before December 31). Other discounted movie tickets are available as well. The store also stocks BNL logo items, such as T-shirts, mugs (in new colors), travel mugs, water bottles, hats, tote bags, fanny packs, umbrellas, lapel pins, lanyards, entertainment books, and pens and pencils. The store also provides film-developing service, birthday cards, and BNL and Long Island postcards. The BERA Sales Office is located in Berkner Hall and is open Monday through Friday, 9 a.m. to 3 p.m.

BERA Holiday Dinner Party

The 3rd Annual BERA Holiday Party will be held at the Knights of Columbus Hall in Patchogue on December 15 at 7 p.m. Tickets are $25 and must be purchased by December 8. Contact, Charles Gardner, Ext. 5214, Louie Nieves, Ext. 4897, or the BERA Sales Office, Ext. 3347.

Afro-American Culture Club

Holiday Program

The Afro-American Culture Club is hosting a holiday program on December 16, at 3 p.m., in Berkner Hall, to benefit under-served community children of ages 12 and under.

The theme of the program is "the Gift of Giving." BNL's Gospel Choir will participate in the program. Santa will give each of the children a holiday gift. To make this program a success, the club would appreciate the sponsorship of children by BNL employees. Contact one of the following members to sponsor a child for this event:

- Carol Bell, Ext. 2587
- Shelby Bowers, Ext. 4660
- Robert Brown, Ext. 4216
- Leon Lawrence, Ext. 2907
- Arlean Vanslyke, Ext. 4267
- Ralph Wilson, Ext. 3900

Calendar

(continued)

Thursday, 12/14

***Blood Drive**
9:30 a.m.-3 p.m.
Brookhaven Center
For more information, contact donateblood@bnl.gov, or Ext. 2888.

Computer Club Holiday Party
BERA MicroComputer Club's Annual Holiday Party
noon-1:30, Alfredo's Pizzeria (Route 25 in Ridge.)
Steve Stein, Ext. 5694.

Friday, 12/15

GLOBE Meeting
Mike Loftus, Ext. 2960, or Chris Gardner, Ext. 4537 for time and location.

***Holiday Dinner Party**
7 p.m., Knights of Columbus Hall, Patchogue. Tickets $25, purchase by 12/8. Charles Gardner, Ext. 5214; Louie Nieves, Ext. 4897; BERA Sales Office, Ext. 3347.

Saturday, 12/16

***Holiday Program**
3 p.m., Berkner Hall. The Afro-American Culture Club Holiday Program features a gospel concert, guest speaker, and Santa Claus.

***Hospitality Committee Party**
5:30 p.m., Recreation Bldg. Contact Mimi Luccio, 821-1435 or Rumiko Taketani, Ext. 1004.

Sunday, 12/17

***Indian Music Concert**
3 p.m., Berkner Hall.
Adults - $14
Under 10 - Free
Contact Achyut Tope, 345-2677, Srini Lyer, 928-5319, or Kumi Pandya, 218-0050. Tickets will be available at the door.

—WEEK OF 12/18—

Wednesday, 12/20

Brookhaven Lecture
4 p.m., Berkner Hall
Tom Vogt will discuss advanced battery materials.

Friday, 12/22

***Santa Visits BNL**
9 to 11 a.m.
North Pole, Ext. 2351.

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 bulletin@bnl.gov. Write "Bulletin Calendar" in the subject line.

Computer Training

The Information Technology Division will be scheduling Microsoft Office 2000 classes. Each half-day class will cover one of the Office applications. These classes are for intermediate and advanced users who would like to receive hands-on instruction with the new 2000 version. To register your interest in these classes, e-mail Pam Mansfield, pam@bnl.gov, with the particular Office products you are most interested in.

American Nuclear Society
Dinner Meeting, 12/13

On Wednesday, December 13, at 6 p.m., at Café Stefano in Selden, the Long Island Section of the American Nuclear Society will hold a dinner meeting at which Chemical Engineer Meyer Steinberg, a BNL retiree, will speak about greenhouse gas carbon dioxide mitigation technologies.

The cost for the dinner is $27 per person, which includes soup or salad, choice from among six dinner entree specials, dessert, and coffee. Reservations must be made by Monday, December 11. Contact Arnie Aronson, Ext. 2606.

Poinsettia Plant Sale

BERA will be selling poinsettia plants this holiday season to benefit BERA and the Timothy Hill Children's Ranch, a 106-acre working ranch in Riverhead that provides a "second-chance family" for troubled teens.

The 7-inch, foil-covered, potted plants will cost $10 each and are available in red, white, pink, marble, pink peppermint, jingle bells, and monet. Prepaid reservations must be made by Tuesday, December 12, at the BERA Sales Office, which is located in Berkner Hall. The plants will be available for pick-up on Tuesday, December 19, between 9 a.m. and 3 p.m. For more information contact, Andrea Dehler, Ext. 3347.

New Fuel Pool Liner Complete

Roger Stoutenburgh CN10-71-00

In mid-October, BNL's High Flux Beam Reactor (HFBR) project group completed the installation of a double-walled stainless steel liner into the HFBR's spent fuel pool. Despite Energy Secretary Richardson's 1999 decision to shut down the reactor permanently, the $3.5-million project was deemed necessary by DOE as BNL may use the pool extensively during the reactor decommissioning process. The new pool liner consists of two layers of heavy stainless steel plates; a ¼ inch outer layer, and a ⅝ inch inner layer. Between the two layers are stiffening plates and a leak collection and detection system. The liner was designed and constructed to bring the spent fuel pool into compliance with Suffolk County's Article 12. The steel plates were manufactured to exact specifications by Chicago Bridge and Iron Services, Inc., shipped to BNL, and welded into place. Each weld was subjected to extensive inspection and testing to ensure leak-tight construction. Once water is put back in the pool, additional testing for leaks and calibration of the leak detection system will be completed. Pictured above are the key Reactor Division employees who took part in the project: (clockwise from back left) project lead engineer Tom Joos, lead health physics technician Don Farnam, reactor operator Mike Pankowski, reactor supervisor Craig Diaz, and safety coordinator Nick Houvener (center).

Books & Videos Wanted

The Quality Of Life Steering Committee and Guest Services Program are requesting donations of books and videos, for use by the families of BNL's guests and visitors.

Your books and videos will enhance the English language and reading skills of the families of BNL's visitors and guests, in addition to offering insight into American culture and providing a source of entertainment.

All books must be in good, clean condition.

The committee is looking for adult and children's books: current novels, biographies, history, classics, and special interest, including gardening, hobbies, crafts, and cooking.

The committe is also seeking donations of video tapes which must be in working condition before donation.

Bring all books and videos to the collection sites listed below. Books and videos become the property of the Guest Services Program and will not be returned. For more information contact, Karen Adelwerth, adelwerth@bnl.gov or Mickey Haller, haller@bnl.gov.

employee contacts	collection sites	bldg. number
Maureen McDonnell	Accounts Payable	134
Christine Ronick	Berkner Cafeteria	480
Bob Gordon	DOE	464
Robyn Koebel	Medical	490
Marty Woodle	NSLS	725
Debbie Botts	Property & Procurement	211
Mickey Haller	Property & Procurement	355
Diana Votruba	SMD	902
Ann Lamberti	CAD	1005

Bus Trip to Manhattan

On Sunday, December 10, Lab families are invited to join a bus trip to Manhattan. The bus will depart at 9 a.m. from the Lollipop House in the apartment area and return at 6 p.m. The cost is $10 for adults and $5 for children 2-12. Pay at the Recreation Bldg., Tuesday and Wednesday, December 5 &6, 10-10:30 a.m.

For reservations, call Joe O'Conor, Ext. 2212.

Blood Drive, 12/14

The Laboratory will hold a blood drive on Thursday, December 14, from 9:30 a.m. to 3 p.m. in the Brookhaven Center. To make an appointment send an e-mail to donateblood@ bnl.gov, or contact Sue Foster, Ext. 2888.

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.

LABORAT0RY RECRUITMENT - Opportunities for Laboratory employees.

DD7226. SECRETARIAL POSITION (Term appointment) - Requires an AAS degree in secretarial science or equivalent experience, familiarity with Microsoft Word and excellent communication skills. Will provide varied clerical support to the CIGPA offices including telephone coverage, ordering supplies, distributing mail, meeting coordination, travel and petty cash vouchers. Will act as first point-of-contact for incoming calls. Community involvement, Government and Public Affairs.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

NS8985. COMPUTER ANALYST POSITION - Requires an advanced degree in physics and/or computer science and at least five years' experience in HENP software development, including substantial experience in core infrastructure development. Experience in C++ and object-oriented programming is required. HENP database and/or data management infrastructure development experience is strongly preferred; experience with Objectivity or other ODBMSs, relational databases, the ROOT analysis toolkit and the Linux operating system is highly desirable. Will play a major role in the design and development of the database and data management software of the LHC ATLAS experiment and have similar involvement in the STAR experiment now taking data at RHIC. Physics Department.

NS9110. SR. GRAPHIC ARTS ANALYST - Requires a BS in computer science or equivalent, and several years' experience in a professional publishing environment. Significant experience troubleshooting Macintosh and Windows/NT systems, and with applications such as Adobe PageMaker, Illustrator, PhotoShop and Acrobat is also required. The ability to perform data conversions and technical interface for digital prepress and printing systems is necessary; experience in administration of image catalog database systems such as Cumulus Network, and programming skills in C language and CGI, and for WWW a plus. Under minimum direction, plans, coordinates and performs specialized technical assignments. Information Services Division.

TB8858. TECHNICAL POSITION - Requires an AAS degree in a scientific discipline or equivalent with experience in the collection of environmental field samples. Should be familiar with sample collection techniques for all environmental media including air, surface water groundwater, soil, flora and fauna samples. Knowledge in the operation of automated sample collection systems, field investigation techniques and field test methods is a plus. Mechanical aptitude and strong organizational skills are required. Background in radiation monitoring is a plus. Knowledge of EPA sampling methods and quality assurance procedures as applied to the collection, transport and preliminary processing of environmental samples is desirable. Strong communication skills (oral and written) required. Environmental Services Division.

DD8938. HEAVY EQUIPMENT MECHANIC-OPERATOR (Term Appointment) - Under minimum supervision maintains, operates, and repairs all material handling, earth moving, road and ground maintenance, and similar equipment, including complete repair and maintenance of gasoline and diesel engines and the use of required machine tools. Plant Engineering Division.

the Bulletin

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

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