BROOKHAVEN BULLETIN
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BROOKHAVEN NATIONAL LABORATORY

Brookhaven Awards for Byrne, Howe, Lewin, Schaknowski, Toscano

Five members of the Laboratory's staff were honored in December with 1998 Brookhaven Awards.

Laboratory Director John Marburger presented the five prizewinners — Edward Byrne, Budget Office; Robert Howe, Environmental Restoration Division; Keith Lewin, Department of Applied Science; Neil Schaknowski, Instrumentation Division; and Mark Toscano, Plant Engineering Division — with their awards.

"The outstanding support given in diverse areas by these five staff members has greatly contributed to Brookhaven's reputation as an excellent place to do science," said Marburger. "I am very glad to be able to recognize their efforts with these awards."

Brookhaven Awards are given in the form of an engraved plaque and accompanied by a pre-tax award of $2,000. Under BNL's Employee Awards Program, the award marks the Lab's appreciation of outstanding service in support areas made over one or more years by employees on the following salary schedules: engineer/scientific associate/computer analyst, administrative, technical monthly, and clerical and technical wage scale, plus the two lowest management salary grades. Below are summaries of the accomplishment of the five honorees.

Roger Stoutenburgh

Laboratory Director John Marburger (third from left) congratulates the five 1998 Brookhaven Award-winners: (from left) Robert Howe, Environmental Restoration Division; Keith Lewin, Department of Applied Science; Neil Schaknowski, Instrumentation Division; Edward Byrne, Budget Office; and Mark Toscano, Plant Engineering Division.

Edward Byrne, Budget

To recognize the exceptional level of diligence, dedication and professionalism during his 35-year career at BNL, Edward Byrne, Deputy Budget Officer, has been honored with a 1998 Brookhaven Award.

Byrne's wide experience and knowledge of BNL's financial and budgetary systems, policies and practices have helped guide the evolution of the Lab's accounting system, making him responsible to a significant degree for BNL's reputation as a financially well-run institution.

Joining BNL's Plant Maintenance Division, now the Plant Engineering (PE), in 1963, Byrne rose through the ranks and, in 1974, became Assistant to the PE Administrator. In 1976, he moved as an accountant to the then Fiscal Division, where he worked for two years on AUI reports and provided support for BNL's general accounting. He earned his master's in accounting from C.W. Post University in 1978.

From 1979 to 1990, he again served PE, this time as its Administrator. In this position, he was responsible for the budgets of both directly and indirectly funded activities, in a division larger than any scientific department at BNL. Byrne established a tradition of accurate, fair-cost accounting and used automated systems to improve control and quality of the data being collected and reported.

For example, back when most others were still using accounting pads and pencils, he automated the PE cost-control system, using linked spreadsheets that allowed detailed records to be reconciled to fiscal reports and could produce summary reports for use by supervisors and managers.

On becoming Deputy Budget Officer in the Budget Office in 1990, Byrne studied the flow of costs, property management and other systems accounting for BNL's assets and finances, developing a wealth of knowledge that has helped shape today's Budget Office.

Among other contributions, he has, for the past six years, led the year-end closing process, which has been assessed as exemplary. Also, while continuing to control the day-to-day operation of the Budget Office, he became a key member of the team implementing the PeopleSoft accounting system, the new software now used to meet the Lab's evolving financial needs.

In addition, he developed BNL's budget manual and disclosure statement, which, respectively, describe the budget activities in the Budget Office and the Lab's Departments, and the Lab's accounting policy and how it adheres to approved cost accounting standards. — Liz Seubert

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Robert Howe, ERD

As Program Manager of Groundwater Remediation in the Environmental Restoration (ERD) Division, Robert Howe is involved in running one of the most visible, highest priority programs at BNL, with the responsibility of overseeing cleanup efforts while ensuring that community involvement and regulatory and DOE oversight requirements are properly addressed. Due to his contributions and leadership, he has been presented with a 1998 Brookhaven Award.

Howe's leadership skills were recognized early when he joined the ERD program in 1990, as a project engineer and was named Group Leader.

His 1984 master's in environmental engineering from the State University of New York at Stony Brook and experience with the U.S. Environmental Protection Agency remediation program and an environmental consulting firm have helped him make significant contributions to the success of the ERD program.

From 1994 to 1997, Howe served as Deputy Manager, becoming Interim Manager during the BSA transition. He was named to his present position in March 1998.

Significant contributions from Howe to the ERD program to date have included: helping characterize BNL's contamination problems, assessing treatment alternatives, and completing eight major cleanup actions.

Howe had a central management role in several of ERD's most visible, controversial and fast-track projects, including the tritium remediation project, and the animal and glass holes

(continued page 2)

Bet Flores Manages Environmental Services Division

Elizabeth "Bet" Flores was named manager of BNL's recently established Environmental Services Division (ESD), effective November 2. Flores came to Brookhaven with 18 years of experience as an environmental regulator and manager of environmental protection programs.

ESD was formed to consolidate and improve environmental management programs. Previously, environmental services were part of the former Environment, Safety & Health Division.

As head of the new division, Flores manages 20 environmental and administrative professionals working to ensure that the Lab operates in an environmentally responsible manner and complies with all applicable environmental regulations. The division leads programs to promote pollution prevention and manage wildlife on BNL's 5,300-acre wooded site. ESD also teams with Brookhaven's Environmental Restoration Division (ERD) to address environmental problems associated with past operations.

Kenneth Brog, Assistant Laboratory Director for Environment, Safety, Health & Quality, commented, "Bet brings to the Lab a breadth of experience that is quite unique among environmental professionals, ranging from EPA regulator to environmental compliance manager for both industrial operations and scientific research activities. She thrives on solving problems – not creating them – for the scientists, engineers, managers, and staff that she serves."

Flores's initiatives include ensuring successful development and implementation of an environmental management system. The cornerstone of that system is BNL's environmental stewardship policy (see sidebar, page 2).

To support that objective, BNL is hiring four environmental experts to work directly with Lab staff to ensure that pollution prevention, resource conservation and regulatory compliance are incorporated into all of Brookhaven's activities.

Roger Stoutenburgh

Elizabeth Flores

Flores also plans to improve and integrate BNL's extensive groundwater-protection programs. Both ERD and ESD monitor groundwater for chemical and radiological contamination, but, while ERD monitors historical environmental releases, ESD monitors groundwater quality at present. Integration of existing groundwater programs, procedures and databases will maximize efficiency, consistency and cost-effectiveness.

"Monitoring to evaluate what impact Brookhaven's operations might have on the environment is an important component of an environmental-protection program, and I want to improve the quality, timeliness and access to monitoring data," Flores said. "However, I also want to increase our emphasis on proactively preventing environmental problems."

She added, "I'm looking forward to teaming with the line organizations to help them achieve excellence in environmental protection. My job is to make sure that the programs, products and services that ESD provides are responsive to their needs and protective of the environment. We must ensure that we comply with the law. It is also essential that we integrate pollution prevention and environmental compliance into our work early in the planning phase to control costs and get us out of a reactive mode."

Elizabeth Flores has a bachelor's degree in environmental and plant science from the University of Connecticut and a master's degree in environmental studies from Yale University. She also is a graduate of the State of Connecticut Executive Management Program. From 1981 to 1993, she worked at Connecticut's Department of Environmental Protection, advancing to assistant director of the waste engineering and enforcement division. In 1993, she joined Pacific Northwest National Laboratory and was ultimately promoted to department manager of environmental compliance. For the past two years, she managed environmental protection at DOE's Battelle-Pantex. — Diane Greenberg

Awards: Howe (cont'd.)

excavation. In managing these and other projects, he has demonstrated the ability to meet critical due dates. Currently, Howe is managing projects that will address radiologically contaminated groundwater on site and chemically contaminated groundwater off site.

Howe has tirelessly represented the Lab and explained its remediation activities through community workshops, civic association meetings, meetings with employee groups, and interviews with the press. In using his expertise and having mastered the ability to explain highly technical subjects before the press and community, Howe has become an effective spokesperson for BNL. — Liz Seubert

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Keith Lewin, DAS

Keith Lewin, a research engineer in the Department of Applied Science (DAS), was recommended for a 1998 Brookhaven Award for his outstanding contributions to the Free Air Carbon Dioxide Enrichment (FACE) program, which, since 1986, has been a key element of the International Geosphere-Biosphere Program and of the U.S. global-change research program.

FACE provides a controlled release of carbon dioxide (CO_2) onto naturally growing plants in an intact ecosystem plot, such as a forest or meadow, to allow researchers to study the ecosystem as it develops at atmospheric CO_2 levels similar to those expected in the middle of the next century.

For BNL's initial FACE facility, which was developed in 1986, Lewin guided the design and construction of the mechanical and electronic control systems. By 1987, he was in charge of operations at the first full-scale FACE field site, at Yazoo City, Mississippi.

Since then, he has collaborated in other FACE experiments on cotton, wheat, grasslands and forest — in the U.S., in Switzerland and New Zealand — providing key engineering and agronomic expertise, and tracking the needs of as many as 50 scientists from 25 organizations and eight countries.

In his field work, Lewin is known for avoiding problems by imaginative planning. For example, when the Arizona FACE experiment was severely damaged by lightning one midnight in July 1990, the alarm system that Lewin had designed and installed rang his bedside phone. He drove to the site and worked all night to prevent further damage, including rescuing notebooks and data from rising floods.

While waiting for the water to recede and the area's electricity to be restored, he worked with vendors and other researchers to repair or replace equipment. Two days later, the experiment was up and running. Lewin then revised the design to minimize the possibility of any such recurrence.

In 1993, Duke University chose the BNL team to establish at Duke the world's largest and most complex ecology field experiment for testing changing atmospheric chemistry, the Forest-Atmosphere Carbon Transfer and Storage (FACTS-I) FACE facility. As lead engineer and field manager, Lewin worked successfully with the Duke team for two years to complete construction and start research.

Between 1996 and 1997, Lewin provided the engineering design and quality assurance oversight in construction and review of FACE facilities built in Nevada, Wisconsin and Minnesota.

Lewin joined BNL as a biology associate in 1975 with a B.Sc. in agriculture from Cornell University. Before 1986, he worked on developing special equipment to support studies of air pollutants and acid rain on crops.

— Liz Seubert

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Intel Finalist to Present Seminar 2/16

On Tuesday, February 16, Intel Science Talent Search Finalist Nicholas Superina of Smithtown High School will give a seminar on his ecology study of BNL's Gamma Forest. Entitled "The Gamma Forest at Brookhaven National Laboratory: A Geobotanical Analysis," the talk will begin at 10:30 a.m. in the Hamilton Seminar Room in Chemistry, Bldg. 555.

The Intel finalist will be introduced by his BNL advisor, Jan Naidu of the Environmental Services Division and preceded by BNL Senior Cytologist Jack Van't Hof of the Biology Department, Van't Hof will provide background to Superina's talk by describing the Gamma Forest research and results from 1961 to 1979, when that the 123-acre stand of pines and oaks was irradiated with a cesium-137 source to investigate the effects of radiation on plant communities, as a follow-up to research done from 1951 to 1963 in BNL's 12.8-acre Gamma Field.

Superina is presenting this talk because of interest in the topic and to help prepare him for his presentations to Intel judges, March 3-8, at the end of which the ten Talent Search winners will be selected. Thus all interested BNLers are invited to attend.

Neil Schaknowski, Instrumentation

Neil Schaknowski, Research Engineer in the Instrumentation Division, was nominated for a 1998 Brookhaven Award for the consistently high quality performance that he has exhibited in designing and fabricating high-resolution neutron detectors for use in research.

As a result of his expertise, he is now a recognized authority in the construction of position-sensitive neutron detectors, which record at a given time the position of neutrons scattered by a sample, giving researchers data about its structure.

Schaknowski, with his coworkers, has been involved with developing many position-sensitive neutron detectors for structural biology and material science experiments at BNL's National Synchrotron Light Source and High Flux Beam Reactor (HFBR).

He has also provided detectors for new projects with BNL's Safeguards & Security Division in collaboration with the Department of Advanced Technology.

As scientists from BNL and elsewhere have commented over the years, detectors developed by Schaknowski and his team over the last decade have been superior to others produced throughout the world.

For example, the detectors developed and constructed for Biology's structural biology group have helped establish macromolecular neutron crystallography, membrane neutron spectrometry and small-angle neutron scattering facilities at the HFBR as the world's most advanced on their kind.

A detector developed and produced for the Chemistry Department holds the world's record in resolution, or degree of accuracy, for its type.

Currently, Schaknowski and his colleagues are constructing a large, curved detector, 150 x 20 square centimeters, the most advanced of its kind, for the new protein crystallography neutron-scattering spectrometer at the spallation neutron source at Los Alamos National Laboratory. The detector will provide not only the position of each detected neutron, but also, its energy, or wavelength, from simultaneous time of flight measurement.

Schaknowski, who earned his 1978 B.S. in biology from the State University of New York at Brockport and 1997 M.S. in environmental science from Hunter College, City University of New York, joined BNL in June 1986 as a technical specialist and rose to his present position in 1995.

— Liz Seubert

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Mark Toscano, PE

Because he has provided professional engineering management of BNL's energy use and systems that has saved millions of dollars per year without negatively impacting research programs, Mark Toscano, BNL's Energy Manager in the Plant Engineering (PE) Division, was chosen for a 1998 Brookhaven Award.

With a 1987 B.T. degree in mechanical engineering from the New York Institute of Technology at Old Westbury, Toscano was hired as a PE staff engineer in 1989, rising to Energy Management Manager in 1996.

Under his leadership, BNL's energy use has steadily declined: 21 percent less energy is used in the Lab buildings (excluding the big machines) than was used a decade ago. For these efforts, Toscano and his energy management group have won two DOE Site Energy Management Awards, in 1993 and 1997.

Highlights of Toscano's accomplishments include his work negotiating BNL's over-$100-million contract with the New York Power Authority (NYPA), thus providing BNL with incremental electric savings of over $4 million per year. By including flexible terms for BNL's future growth in that contract, he also ensured that new operations, such as the Relativistic Heavy Ion Collider, could flourish.

Toscano was responsible for bringing natural gas on site to the Central Steam Facility (CSF). Through a contract with LILCO, now Brooklyn Union, he arranged for over two miles of gas main to be installed at no cost to BNL and provided for pricing that made natural gas less costly than the low-sulfur oil previously used to generate steam. He then obtained $1,200,000 from DOE In-House Energy Management funds to convert three CSF boilers to allow natural gas firing.

In addition to obtaining $1.6 million in direct utility rebates for BNL, Toscano also organized and chaired the BNL demand-limiting committee, which kept demand close to NYPA contract limits and thus minimized BNL's unit cost for power.

After Toscano had presented his feasibility-study proposal for BNL's Chilled Water Storage (CWS) project, Congress and DOE granted it full funding of $3.5 million. Started up in 1989, the CWS has saved BNL over $500,000 per year by shifting electric loads to off-peak hours. Also, as CWS project engineer and manager, Toscano negotiated over $125,000 in engineering deductions to bring the project in under budget.

In addition, Toscano and his group have obtained over $18 million in direct DOE funding for Lab energy-conservation projects, such as insulation improvements to 50 buildings, lighting replacements and other upgrades.

— Liz Seubert

Holiday Note

Following the Laboratory holiday to mark President's Day on Monday, February 15, no Bulletin will be published on Friday, February 19.

BNL's Environmental Stewardship Policy

This policy was signed by Lab Director John Marburger in November and the environmental commitments outlined in it provide the framework within which BNL employees, contractors, guests, and visitors are to conduct their job-related activities.

It is BNL's policy to integrate environmental stewardship into all facets of the Lab's missions. Brookhaven will manage its programs in a manner that protects the ecosystem and public health.

In support of this policy, BNL makes the following commitments:

- We are committed to achieving compliance with applicable environmental requirements.
- In consideration of the potential impacts of our activities on the environment, we will integrate pollution prevention/waste minimization, resource conservation, and compliance into all of our planning and decision-making. We will adopt cost-effective practices that eliminate, minimize or mitigate environmental impacts.
- We will define, prioritize, and aggressively correct and clean up existing environmental problems.
- We will work to continually improve our environmental management system and performance. We will establish appropriate environmental objectives and performance indicators to guide these efforts and measure our progress.
- We will maintain a positive, proactive, and constructive relationship with our neighbors in the community, regulators, DOE, and our other stakeholders. We will openly communicate with stakeholders on our progress and performance.

In addition to the Lab Director's annual review of BNL's progress on environmental goals and adherence to this policy, he invites all interested parties to provide him with input on BNL's performance relative to this policy, and the policy itself.

Credit Card Scam

Recently, according to BNL's crime-prevention manager, Police Inspector Lenny Butera of the Safeguards & Security Division, about a dozen BNL employees have been victims of credit-card fraud, which the Suffolk County Police Department's (SCPD) Seventh Precinct is investigating.

What is known so far is that the scam perpetrator has used the names, addresses and social security numbers of victims to obtain instant credit in chain stores, such as Home Depot and Service Merchandise. When the credit is issued, the perpetrator adds another person's name to the account, and the second perpetrator then charges purchases to the maximum limit.

People have learned that they have been victimized when they receive letters or bills from credit-card companies, or credit cards that they didn't know had been issued in their names. Sometimes a second card arrives in the mail, issued to an unknown person; several BNL victims have received cards issued to a Timothy Winston.

Those who get surprise credit letters, bills or cards in the mail are advised to contact the card company immediately, and to contact credit-reporting bureaus, such as the ones listed below, for a copy of their credit reports and to request that all card-issuers first contact them at a designated phone number before issuing any cards.

credit bureau	telephone number
Experian	(800) 301-7195
Equifax	(800) 525-6285
Trans Union	(800) 916-8800

If you have been the victim of such fraud, then contact SCPD Detective Jim Power or Rory Forrestal, 852-8742. In addition, contact Bill Hempfling in the Human Resources Division, Ext. 2878 or hempfling@bnl.gov, who is acting as liaison between BNL victims and the SCPD for this matter. For information or help regarding other fraud schemes, call Butera, Ext. 4691.

Answer the Phone, Support Public TV

If you have always wanted to be on TV, then here's your chance: On Thursday, March 11, from 6:30 p.m. onward, BNLers are invited to answer the phones during the televised fund drive at the studio of public TV channel 1, WLIW.

During the evening, BNLers who volunteer will be noting the pledges of support that viewers phone in, as the station pitches for contributions between segments featuring Andrew Lloyd Weber and Sarah Brightman.

Answering the phone on the air will be an opportunity for BNLers to be seen working for a good community cause. Minimal talent is required, and training, coffee, cake and good company will be provided.

To participate, send your name, home and work phone numbers, department name, and building number to Susan Sears, Bldg. 184B, Ext. 5461, or ssears@bnl.gov.

Retirement Counseling

A TIAA-CREF representative will visit the Lab on Tuesday and Wednesday, March 2 & 3, to answer BNL employees' questions regarding the TIAA-CREF retirement plan in one-on-one counseling sessions. Questions employees might have include:

- What are the differences between TIAA and CREF?
- How should I allocate my money between TIAA and CREF?
- What options and flexibilities do I have for my existing dollars with TIAA-CREF?
- What are my retirement options?

A limited number of 45-minute appointments are available; to arrange one, call Valerie James, (800) 842-2011.

Equipment Demo

The Tuesday, February 9, visit by Hoke Controls, a New Jersey-based vendor which represents PC software and hardware for data acquisition and control by ADVANTECH, has been postponed. For the new date, call Tom Hoyt, (973) 773-7733.

At the Pool

To register or for more information, contact Head Lifeguard Susan Dwyer at Ext. 3147 from 2-4:30 p.m. Tuesday through Thursday, or at Ext. 3496 during pool hours.

Lifeguard Training

BERA will offer a lifeguard training course at the BNL swimming pool, Bldg. 478, beginning Sunday, February 21, at 10 a.m.

The course is open to BERA members who are at least 16 years old, and the class size will be limited. Participants must pass a swimming test that will be given during the first class.

Lifeguard Openings

Lifeguard positions will soon open at the BNL pool. To qualify for these positions, applicants must have lifeguard certification. If interested, complete an application or send a resume to M. Kay Dellimore, Bldg. 185.

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Healthline & Outreach Schedule

Nine lunchtime presentations have been planned through spring for the Healthline lecture series of the Health Promotion Program and the Outreach workshop series of the Employee Assistance Program:

Date	Series: topic	Speaker
Feb. 16, 26	Outreach: Stress Management	Susan Dermit, Ph.D.
March 2	Healthline: Ovarian Cancer	Michael Pearl, M.D.
March 9	Outreach: Money Matters	George Roach, Esq.
April 12	Outreach: Peak Performance	Patricia Stevens, Ph.D.
April 27	Outreach: Mind-Body Connection II	Anne Kane, Ph.D.
May 11	Healthline: Soy Cooking	Marlisa Brown, R.D.
June 8	Outreach: Children's & Teens' Moods	Brian Quinn, Ph.D.
June 22	Outreach: to be announced	

See future issue of the Bulletin for details on each presentation, or, for general information, call Ext. 5923 about Healthline lectures, or Ext. 4567 about Outreach workshops.

Hospitality Committee

The Hospitality Committee invites all on-site residents, their spouses and friends to join it during the following events. More details are posted in the laundry and on the door of the Recreation Building. For more information, call Julie Kim-Zajonz, 929-0405.

Welcome Coffee

Coffee is served to apartment area residents every Tuesday, from 10 a.m. to 11:30 a.m., in the lounge of the Recreation Building.

Parent-Toddler Group

Parents of two- and three-year-olds are invited to bring the children to the Recreation Building every Wednesday, 9:30-11:30 a.m. For more information, call Sarah Zill, 821-2602.

Family Night

Bring the family and a dessert to share to the Recreation Building for an evening of fun and games on Friday, February 26, 6:30-8:30 p.m.

French Group

If you speak French, then join other French-speakers from on and off site for coffee and conversation every Thursday at 3 p.m. For location and other information, call Vici Fischer, 821-2698.

Bowling

Red and Green League - 1/26

R. Mulderig Sr. 238/228/222/688 scratch series, M. Meier 247/237/636 scratch, E. Larsen 247/233/669 scratch, R. Raynis 237/210/616 scratch, N. Besemer 235/206/603 scratch, T. Sullivan 226/213/622 scratch, M. Grau 226/213, R. Picnich 219/203/612 scratch, E. Meier 230, K. Koebel 226/607 scratch, J. Griffin 226/606 scratch, R. Mulderig Jr. 223, A. Pinelli 222, K. Asselta 216, R. Larsen 215.

Purple and White League - 1/28

Don King 257/204/641 scratch series, G. Mehl 242/199/605 scratch, E. Meier 215/210, E. Sperry III 214, P. Wynkoop 197/186, K. Burns 187/187, D. Keating 185/179, T. Mehl 178/174, B. Rothe 193, B. Mullany 189, A. Scocca 186, M. G. Meier 186, J. McCarthy 184, J. Holmstrom 180, Dolly Johnson 179, E. Zukowski 175. A. Reynolds converted the 4/7/8 split.

Scotch Doubles Tournament

All BNL bowlers, their family and friends are invited to enjoy a day of fun at the annual Scotch Doubles Tournament, to be held on Sunday, March 7, starting at 1:30 p.m. sharp at Port Jeff Bowl.

The cost, which is $32 per couple before March 3 or $35 per couple thereafter, includes bowling, prizes and a buffet.

For more information or applications, which are due by March 3, contact: Debbie Keating, Ext. 3888, Bldg. 355; or Tracy Blydenburgh, Ext. 4422, Bldg. 750.

Site Access Reminders

Vehicle Access

BNL's Safeguards & Security Division (S&SD) reminds all employees to register their vehicles, if they have not already done so, and to display their BNL's vehicle-registration sticker on employee-owned-and-operated vehicles while they are on the site. In addition, S&SD asks all employees to have their BNL identification badges with them while on site.

To reduce traffic delays at entrance gates in the morning, all Lab employees should affix their BNL vehicle-registration stickers to the windshield side of their vehicles' rearview mirrors. On days when employees must drive a vehicle other than their own to get to work, they are asked to be ready to present their Lab ID badge at the gate to gain access to the site.

Register vehicles at S&SD's Personnel Security Office in the Brookhaven Center, Building 30.

Visitor, Vendor Access

Access to BNL is controlled by permitting entrance only to those persons who have official business at the Lab and only to those visitors who are properly sponsored. Thus, to avoid having vendors and visitors delayed at the Main Gate while the purpose of their visits is being verified, S&SD asks that employees who sponsor vendors and visitors inform the division at least 24 hours before their guests' arrival. The 24-hour lead time is needed to compile a visitor log used at the Main Gate and indexed by date, arrival time, event, and sponsor's name.

Thus, during normal business hours 24 hours in advance of a visit, sponsoring employees should provide S&SD with the following information: the name of the visitor, the date of the visit, the approximate arrival time, the name of the event being attended or reason for visit, and the name of the visitor's sponsor and that person's extension.

During the usual weekday business hours, send this information to S&SD, Bldg. 50; fax it to Ext. 5688; or phone it to Ext. 4271 or 4177. To notify S&SD during other hours, come to Police Headquarters in Bldg. 50, fax Ext. 5457, or phone Ext. 2238 or 2239. Due to the volume of visitors, do not call the Main Gate with this information.

When a visitor arrives, patrol officers at the Main Gate may call the sponsoring employee to announce their visitor's arrival.

Computing Corner

The Information Technology Division (ITD) will offer the following software classes in March and April. For the listing of February classes, check the ITC training Web page at www.ccd.bnl.gov/bnl/training.

class	contact	ext.	e-mail
Mechanical Desktop	Chris Neuberger	4160	chrisn@bnl.gov
Power Excel '97	Pam Mansfield	7286	pam1@bnl.gov
AutoCAD LT '98*	Chris Neuberger	4160	chrisn@bnl.gov
LabVIEW**	Pam Mansfield	7286	pam1@bnl.gov

* five half-days scheduled for week of March 22, at $300 per person; register by February 22.
** five full days at $1,600 per person; register by February 12.

Coming Up

As part of the Brookhaven Science Associates Distinguished Lecture Series, Daniel J. Kevles, California Institute of Technology, will discuss "Scientific Fraud in American Political Culture: Reflections on the Baltimore Case," on Friday, February 19, at 4 p.m., in Berkner Hall. All are welcome.

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William Gunther, Senior Environmental Management Advisor, Environmental Management Directorate, will deliver the 343rd Brookhaven Lecture, "Past, Present and Future Remediation Technologies at BNL," on Wednesday, February 24, at 4 p.m., in Berkner Hall. All are welcome.

BERA Bus Trips

Buy tickets at the BERA Sales Office, Berkner Hall, Tuesday-Friday, 9 a.m.-1:30 p.m. For more information, call Andrea Dehler, Ext. 3347.

Pocono 500 Nascar Race

Purchase tickets by Tuesday, February 16, for BERA's one-day trip to the Pocono 500 Nascar Race, on Father's Day, Sunday, June 20.

The cost is $99 per person, which includes round-trip transportation on a fully equipped bus and terrace-vista seats in the grandstand.

The bus will leave the Brookhaven Center at 4 a.m., with free rolls and donuts on board; bring your own juice and coffee. The race begins at 1 p.m. and ends around 5:30 p.m., so the return will be around midnight.

Ski Camelback, Brodie

BERA is offering two ski trips, costing $45 per person for round-trip bus transportation and lift tickets:

- **Wednesday, February 24:** trip to Camelback Mountain Ski Resort, Pennsylvania. Seniors over 70 pay $25 for the bus only. Some $55 packages are also available, which include equipment rental and a 90-minute beginners' lesson.
- **Wednesday, March 24:** trip to Brodie Mountain Ski Resort, Massachusetts. Seniors 62 and over, and juniors 7-12 years old pay only $40. Equipment rentals cost $24 extra at the resort.

Each trip will depart from BNL tennis courts at 5 a.m., with a 5:15 a.m. pickup at L.I.E. Exit 63, if requested. The return will be about 9 p.m.

Volleyball

League standings as of January 29

Open League A		Mixed League 2	
Death Volley	28-8	Safe Sets	32-4
Spikers	22-14	Spiked Jello	32-4
Far Side	15-21	Monday Nite Live	25-11
Shank,Carry&Throw	7-29	In Sideout	19-17
Open League B		How-Bout-Dis	17-19
Late Entry	31-5	Setups	8-28
Bumpin Uglies	21-15	Nuts & Bolts	6-30
Star	19-17	Just-4-Fun	5-31
Rice Ball	1-35	**Mixed League 3**	
Mixed League 1		Upton Ups	31-2
Bikers & Spikers	29-4	Group Sets	22-11
Set to Kill	19-14	Six Samurai	16-11
Scared Hitless	12-21	NWO	10-20
Rude Dogs	6-27	Net Setters	8-25
		Butlers	3-21

Arrivals & Departures

Arrivals

Dan T. Abell ..... AGS
Barbara Blenn .... Community Relations
Roy H. Lebel ..... Quality Management
Guenter Schneider ..... Physics
Celeste A. Voegelin ..... Plant Eng.

Departures

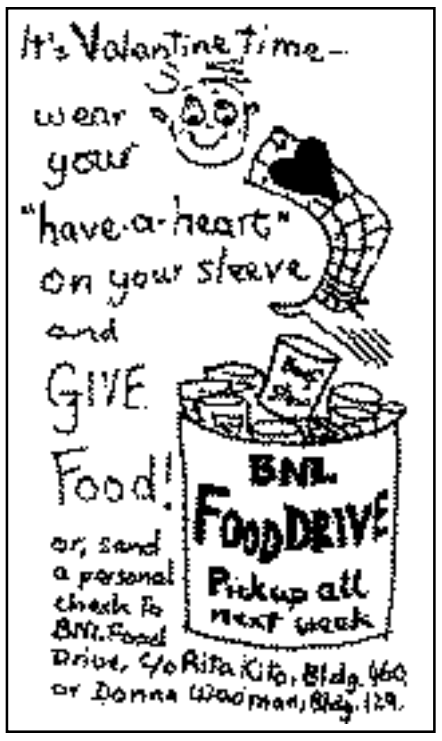
Victor J. Buzzanca ..... RHIC
Edward J. Gregory ..... RHIC
Austin Gwilt ..... RHIC
Daniel J. Illig ..... Financial Services
Laurie A. Mercanto ..... RHIC
Kathleen M. Nasta ..... Adv. Technology

Samba, Viennese Waltz Start February 10

For eight weeks beginning at 6:30 p.m. next Wednesday, February 10, the BNL Ballroom, Latin & Swing Dance Club will offer a one-hour class in samba and International Viennese waltz I, which is the level for beginners and newcomers to the club.

The first dance will be taught for the first four weeks, while the second will be learned over the second four weeks, both in the North Ballroom of the Brookhaven Center. The class will be taught by the club's instructors for the past six years, Giny Rae and Peter Sciurca, who are former Empire State Ballroom champions.

The cost for the eight-week, one-hour-per-week class is $25 per person, payable in a check made out to the BNL Dance Club. Since the club only signs up equal numbers of women and men, and since this year more women then men have been wanting to register, women are advised to bring their own partners. To sign up, contact Marsha Belford, club president, Ext. 5053 or belford@ bnl.gov.



Valentine Love Notes Due Noon Today

Your 15-to-20-word "love note" to your special valentine is due by noon today, Friday, February 5, for publication in the Brookhaven Bulletin of Friday, February 12, just before Valentine's Day.

To get your love note published, use one of the Bulletin's Sales & Notices classified ad forms, but mark it "Valentine's Day," and deliver it to the Bulletin office in Bldg. 134. You must sign your name and include your life number and extension, but your name will not be printed unless it is clearly part of the message. Copy must be deemed tasteful. All "love notes" will be accepted at the Bulletin's discretion. Only one message per employee, please.

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 complete list of all job openings; use a TDD system to access job information by calling (516) 344-6018; or access current job openings on the World Wide Web at http://www.bnl.gov/JOBS/jobs.html.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

MK7656. SCIENTIST - Of international reputation with proven track record of innovative research in materials and condensed-matter science, to conduct research applying high-resolution synchrotron x-ray and neutron powder-diffraction techniques to structure-property relationships in materials. Requires a Ph.D. in materials science, condensed-matter physics or chemistry; and a strong background in crystallography, materials and condensed-matter science, and the application of powder diffraction techniques, including a detailed knowledge of structure analysis by the Rietveld profile method. Must also have a demonstrated interest in diffraction instrumentation and software for instrument control and data analysis. Under the direction of S. Shapiro, Physics Department.

MK7653. ASSISTANT PHYSICIST - To work in the X-Ray Scattering Group in the Physics Department, which operates three bending-magnet beam lines at the National Synchrotron Light Source and is part of a consortium to build a beam line at the Advanced Photon Source. Requires a Ph.D. in physics, chemistry, materials science or equivalent, and expertise in x-ray surface scattering, UHV techniques, crystallography, and magnetism. Under the direction of D. Gibbs, Physics Department.

MK7654. SCIENTIST - With a Ph.D. in physics or related field, and experience with inelastic neutron scattering techniques and instrumentation. Will initiate and participate in neutron-scattering studies of magnetism, charge ordering, and phase transitions in condensed-matter systems. Will be expected to make significant contributions in spectrometer development. Under the direction of J. Tranquada, Physics Department.

MK8003. POSTDOCTORAL RESEARCH ASSOCIATE - With a Ph.D. in physical chemistry, physics or chemical engineering, and extensive experience in surface/material characterization, catalyst testing, synchrotron x-ray techniques, including powder diffraction and/or EXAFS, and materials synthesis. Will participate in developing unique instrumentation for the in-situ characterization of catalysts under operating conditions using time-resolved x-ray diffraction (at NSLS beam line X7B) and x-ray absorption spectroscopy (at NSLS beam lines U7A and X19). Will be involved in studies of the structural, electronic and chemical properties of pure and metal-doped oxides, to generate basic knowledge that can be used for a scientific design of catalysts for DeNOx and DeSOx processes in industrial applications. Under the direction of J. Rodriguez and J. Larese, Chemistry Department.

MK7815. POSTDOCTORAL RESEARCH ASSOCIATE - Requires a Ph.D. in microbiology or biochemistry, and technical competence in working with diverse microbes, protein purification, enzyme assays, lipid analysis and integral membrane proteins. Experience with thin-layer chromatography, high performance liquid chromatography and gas chromatography is desired. Must be prepared to work semi-independently in taking responsibility for a project and solving problems in a creative fashion. Under the direction of J. Shanklin, Biology Department (Reposting).

NS8141. RECORDS MANAGEMENT ASSISTANT POSITION - Requires a bachelor's degree in a related field, and knowledge of records management theory and practices. Experience with computer applications, excellent communication skills, the ability to work with all levels of personnel with tact and diplomacy and to analyze problems, develop alternatives and make recommendations are necessary. Working knowledge of records systems and their applications, including, but not limited to, forms management, micrographics, archives, reprographics and word processing is also required. Information Services Division

DD8110. ELECTRONIC TECHNICIAN POSITIONS - Requires an AAS degree in electronic technology or equivalent, and experience with electronic I/O and process-control hardware and applications. Familiarity with programmable logic controllers is desired. Good communication skills and the ability to work in group setting are important. Periodic shift work is required. Tasks include wiring, testing, installation, documentation, and fault identifications of process-control systems. RHIC Project.

DD8115. ELECTRONIC TECHNICIAN POSITION - (term appointment) Requires an AAS in electronics technology or equivalent, and significant electronics experience. Must be able to work from wiring diagrams, schematics, mechanical drawings, and verbal instructions. Duties will include wiring, assembling and testing of equipment racks, power supplies and rf cavities. RHIC Project.

DD7748. MAIL CLERK - Must possess a valid New York State driver's license. Administrative Support Division.