

BNL Research: Sunscreens Don't Always Prevent Skin Cancer Melanoma Rates May Have Risen Due to Inadequate Protection

As summer approaches and beaches beckon, here's an important BNL research result to remember: Just because a sunscreen keeps you from getting sunburned doesn't necessarily mean it will prevent all skin cancers.

Those were the findings that Richard Setlow, BNL's Associate Director for Life Sciences, reported to the annual meeting of the American Association for the Advancement of Science, in February.

In fact, said Setlow, who is a senior biophysicist in BNL's Biology Department and a noted radiation effects researcher, the use of sunscreens that don't block all the harmful rays in sunlight may actually be partly to blame for the steady 5 percent annual rise in melanoma rates among whites. And, he says, any depletion of the global ozone layer may not lead to more melanomas after all because the most cancer-causing rays already pass through the layer.

Reflecting on this research, which was funded by the U.S. Department of Energy's Office of Biology & Environmental Research, Energy Secretary Federico Peña said, "Brookhaven researchers such as Dr. Setlow have contributed immeasurably to our knowledge of the health effects of radiation. I'm glad that [DOE's] expertise in this area can help educate Americans on important public health issues."

Steady Increase of Melanoma

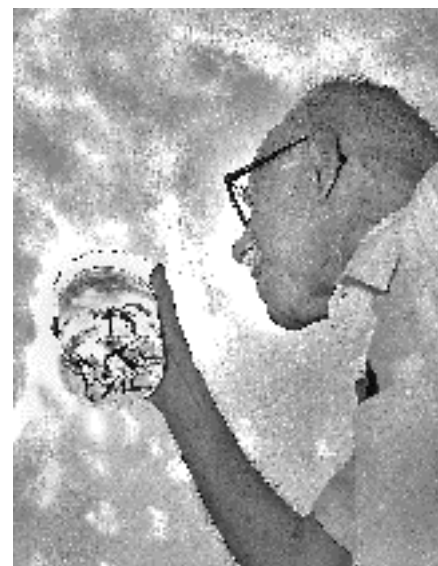
Called "the most serious form of skin cancer" by the American Cancer Society (ACS), melanoma is a cancer of pigment-producing skin cells that is expected to strike about 41,600 persons in 1998. Since 1973, the incidence rate of melanoma has increased steadily each year, rising from 5.7 per 100,000 people in 1973, to 12.5 per 100,000 people in 1994. The ACS says it expects an estimated 9,200 skin

cancer deaths this year — 7,300 from melanoma and 1,900 from other skin cancers.

"Traditionally," Setlow explained, "sunscreens have only blocked the transmission of a kind of ultraviolet light in sunlight that's known as UV B. That's the range of wavelengths that cause sunburn, or erythema. It's also the kind of UV that the DNA in our cells absorbs most easily."

"But we have found that another range of wavelengths, collectively called UV A, may be much more powerful in melanoma," Setlow continued. "Our research shows that about 90 percent of sunlight's melanoma-causing effect may come from UV A and only 10 percent from UV B." Still, he said, UV B is the chief cause of skin cancers other than melanoma.

The distinction between the two kinds of UV light makes a difference, Setlow said, when sunlight encounters the Earth's dwindling ozone layer.



Richard Setlow, with some of the tropical fish that have been vital to his continuing research on the relationship between radiation from the sun and skin cancers.

"Since the ozone layer only blocks UV B, depleting it probably won't cause melanoma rates to rise any faster than they are already," said Setlow. But, he added, ozone depletion will probably worsen other effects in humans, animals and plants alike.

Fishing for Quicker Answers

Because studying the causes of skin cancer in humans would take decades, Setlow and his Biology Department team — Avril Woodhead, as well as Eleanor Grist, Neva Setlow and Keith Thomson, who have since retired — reached their conclusions about UV A's danger by studying a special hybrid fish. Called Xiphophorus, the fish lack most of the genes needed to prevent melanoma.

After extrapolating their fish results to humans, Setlow and his colleagues found confirmation for their theory in a comparison of epidemiological studies of melanoma rates among Australians and Norwegians, and in a study of melanoma among sunscreen users and non-users in Europe.

Setlow has devoted decades to the study of the biological effects of UV light and other forms of radiation.

Most recently, he chaired the Committee on Health Risks of Exposure to Low Levels of Ionizing Radiation, Phase I, convened by the National Research Council (NRC) of the National Academy of Sciences. In 1996, he chaired the NRC committee that studied the potential health effects from long-term exposure to space radiation.

— Kara Villamil

Lab Observes Earth Day With Celebration Emphasizing Lab's Strides in Cutting Wastes

The sun was shining down as if in approval as BNL announced major, mostly voluntary, reductions in routine hazardous chemical, radioactive and other wastes, in an Earth Day celebration held at the Lab's new Waste Management Facility, on Wednesday, April 22.

All BNLers were invited to the noon-time event, which was opened by Rick Pierce, Manager of the Waste Management Division. "We're here for a few purposes today," he said, "to celebrate the only Earth we have, to reinvigorate our awareness of our Earth and its issues, and to emphasize BNL's positive role in managing Earth's resources."

Some recent positive steps were later recapped by Michael Schlender, Assistant Laboratory Director for Environmental Management, who said that, in terms of routine wastes, which represent ongoing activities and exclude cleanup activities, over the past four years, the Laboratory has:

- cut hazardous chemical waste generation by 54 percent, beating the U.S. Department of Energy's (DOE) goal of 50 percent and putting the Lab well on track toward its 1998 goal of 60 percent.
- cut radioactive waste by 10.6 percent, which represents more than



Cutting the cake at BNL's Earth Day celebration is Michael Schlender, Assistant Laboratory Director for Environmental Management, who is shown in front of the Waste Management Facility with: (from left) Rick Pierce, Manager, Waste Management Division; Tom Sheridan, Deputy Director for Operations; Dean Helms, Executive Manager of the U.S. Department of Energy's Brookhaven Group; and George Goode, BNL's Pollution-Prevention Coordinator.

twice DOE's goal for BNL.

- cut mixed waste — waste that has both hazardous chemical and radioactive components — by 67 percent, beating the DOE goal of 51 percent and saving a great deal of money and space at the few disposal areas across the U.S. that accept this type of waste.

- virtually eliminated the use of the chemical solvent TCA, or 1,1,1-trichloroethane, which had been widely used at the Lab, on Long Island and throughout the U.S. for cleaning parts and machinery and other uses.

"These real reductions in waste and (continued on page 2)



Meet the Brookhaven Council

Roger Stoutenburgh

Since 1962, the Brookhaven Council has been advising the Laboratory Director on matters concerning the scientific staff. The Council's 15 members are elected from BNL's tenured scientific staff for three-year terms to make recommendations on staff appointments, tenure, involuntary terminations and other matters, and to provide an avenue whereby scientific staff may bring their concerns to the Director's attention. In its 36th year, Brookhaven Council members and the groups they represent are: (seated, clockwise from left) Council Secretary Suresh Srivastava, Medical Department; Thomas Roser, Alternating Gradient Synchrotron (AGS) Department, Relativistic Heavy Ion Collider (RHIC) Project and Environment, Safety & Health (ES&H) Services Division; Carl Anderson, Biology Department; Bernard Manowitz, Department of Applied Science (DAS) and Computing & Communications Division (CCD); Doon Gibbs, Physics Department and Instrumentation Division; John Sutherland, Biology; Philip Pile, AGS, RHIC and ES&H; John Larese, Chemistry Department; (standing, from left) Sara Dawson, Physics and Instrumentation; Jan Hrbek, Chemistry; Council Chair Ilan Ben-Zvi, National Synchrotron Light Source Department; Charles Meinhold, Department of Advanced Technology (DAT) and Reactor Division; Peter Takacs, Physics and Instrumentation; and Douglas Wallace, DAS and CCD. Not pictured: Hiroshi Takahashi, DAT and Reactor.

Pollution Prevention Provides Payback for Planet and Purses

Pollution prevention is not only good for the Earth, it's good for the budget. That's the two-pronged premise of the U.S. Department of Energy's (DOE) Return on Investment program.

Since initiating this program in 1995, DOE has realized a payback of about \$8 for each \$1 invested, and has seen most projects pay for themselves in less than three years. "That's an excellent return on investment," said Dean Helms, Executive Manager of DOE's Brookhaven Group at BNL's Earth Day celebration in April (see story on page 1).

In the past three years, BNL has gotten about \$1,000,000 in such grants, covering about a dozen projects.

"One notable example," said Helms, "is Photography going to digital-imaging technology," replacing the standard "wet" technology that had used some hazardous chemicals and significantly reducing BNL's largest routine hazardous-waste stream, photo waste. Though this investment in photography processing equipment in the Information Services Division required an outlay of about \$350,000 up-front, \$130,000 was paid back in the first year.

The Return on Investment program also figured in other 1997 pollution-prevention achievements at BNL, including:

- **construction of a new parts-cleaning facility** that uses environmentally benign cleaning agents instead of harsh acids, eliminating a source of hazardous waste and saving \$5,000 in the first year. Also, the process used in this facility does not require any environmental permits and is significantly safer for workers.
- **complete elimination of hazardous waste production by BNL vehicle maintenance.**
- **use of nonhazardous substitutes** for solutions containing lead and mercury in scientific and fabrication processes.

Additionally, groundwork laid in 1997 will help BNL make more pollution-prevention gains in 1998:

- **A recently purchased scrap-metal compactor** will help reduce the volume of low-level radioactive metal waste produced at BNL's Alternating Gradient Synchrotron (AGS). Because disposal costs for such waste are based on volume, the compactor is expected to save BNL \$170,000 and 1,600 cubic feet of waste per year.
- **An initiative at the AGS will cut 15,000 gallons of radioactive waste water annually.** The project will retrofit existing ion-exchange vessels to allow spent resins to be easily removed and replaced instead of being rinsed and reused, a process that generates large volumes of contaminated water.

Also in 1997, BNL helped other pollution prevention efforts on Long Island:

- **The Riverhead School District began a white-paper recycling**

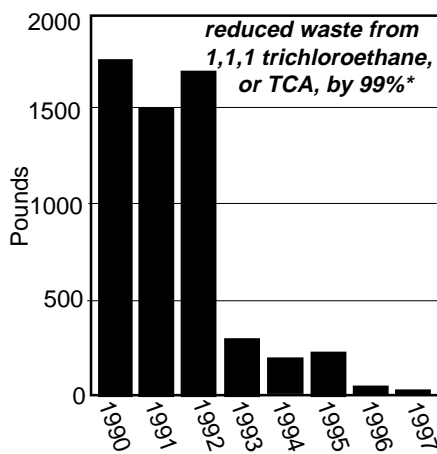
program based on suggestions made in 1996 by BNL and DOE. BNL staff, working with the school district's administration and facilities maintenance staff, went "dumpster diving" to characterize the amounts and types of potentially recyclable materials that the schools were throwing away.

A paper-recycling program was recommended, and the district followed through on the suggestion in 1997.

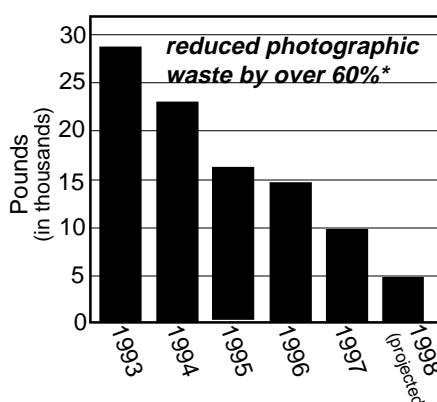
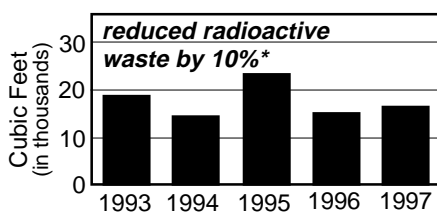
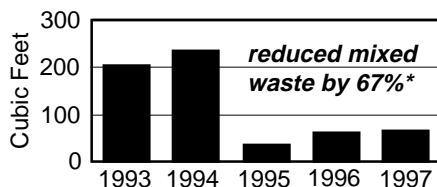
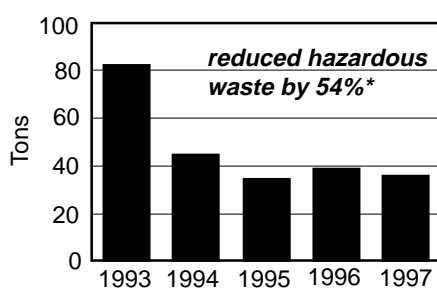
• **BNL joined forces** with the Suffolk County Water Authority (SCWA), New York Institute of Technology, State University of New York at Stony Brook, Polytechnic University, Rhode Island Center for Pollution Prevention, and New York State Department of Environmental Conservation's Pollution Prevention Unit to form the **Long Island Pollution Prevention Partnership**. Under a grant from the U.S. Environmental Protection Agency, SCWA managed the partnership's "Students and Industries for Pollution Prevention" project, in which 25 college students learned pollution-prevention techniques and conducted free pollution-prevention assessments for local businesses and industry.

— Kara Villamil

Since 1990, BNL has . . .



Since 1993, BNL has . . .



*Waste quantities represent waste from routine, ongoing activities and exclude cleanup waste.

Cell Phone Special

On Friday, May 15, from 10 a.m. to 2:30 p.m. in Berkner Hall, learn about the special AT&T Wireless Services corporate cellular rate that CTP Wireless World is offering BNL employees, with rates as low as 20¢ per minute, a monthly access charge as low as \$19.99 and including: 40 minutes of air time per month, caller ID, voicemail with notification, numeric paging, self-dispatch alphanumeric messaging and a free digital phone.

Call Michael Weisinger or Dennis Lamm at 585-2900, for more information.

Sign Up for E-mail News Service

If you want to receive *all* of the news that BNL publishes by e-mail, make sure to register for the new service provided by the Community Involvement & Public Affairs and Computing & Communications Divisions.

The service automatically mails BNL news releases, announcements, reminders and late-breaking developments only to subscribers. Those who don't subscribe will receive only the most urgent items, which will continue to be sent to all e-mail subscribers via broadcast e-mail.

Unlike broadcast e-mail, this new service is available to retirees

and others outside the BNL e-mail system.

To subscribe, start a new e-mail message to the address ListProc@bnl.gov.

The only words in the body of the message should be: *subscribe BNL-ANNOUNCE-L your name.*

In other words, type your full name after *BNL-ANNOUNCE-L.*

Send the message. If you encounter problems, an error message will tell you what to do next.

If you have a news item that you would like to send to the entire subscriber list, e-mail it to pubaf@bnl.gov.



Earth Day Celebration (cont'd.)

emissions demonstrate that the Lab is committed to protecting the environment, cutting costs and constantly improving our performance," said BNL Director John Marburger, in a press release announcing the cuts. "And we're not going to rest on our laurels — we're increasing our pollution prevention efforts under the new management of Brookhaven Science Associates."

Speaking at the celebration, Schlender said, "It's very important to acknowledge that these pollution-preventing and cost-saving efforts were begun by the former management of the Laboratory [Associated Universities, Inc.], and they certainly deserve the credit for initiating a strong program. Today, these efforts are continuing with renewed vigor under the management of Brookhaven Science Associates."

Many Made It Possible

In addition, Schlender said, "The achievements that we're announcing today have been made possible in large part by the dedication of our Pollution Prevention Coordinator, George Goode, and his colleagues here at the Waste Management Division. They have certainly been helped by all the BNL employees who have worked long and hard and have found ways to reduce the amount of waste they produce and emissions they produce in their work to drive those things to zero.

"Of course," concluded Schlender, "we cannot overlook the crucial role played by the Department of Energy in their support, their guidance and in providing the seed money, in many cases, for the investments and modifications necessary at these facilities to produce the wonderful work that we're celebrating today."

Over the past 28 years, observed Dean Helms, Executive Manager of DOE's Brookhaven Group, the Earth Day celebration "has become an international symbol to remind us all of our stewardship responsibilities in regard to the environment on the planet on which we live and our children and their children will live in the years to come. Our stewardship can be exercised in many important ways, in our private lives as well as here on the job, and we've learned many lessons over the years, many of them the hard way, others later than we should have learned them.

"The achievements in pollution prevention and waste reduction that Mike Schlender has recited are impressive," Helms said, "and I want to commend the Laboratory for these. It represents the diligent efforts and hard work of many people here at the Laboratory. Now I want to issue a renewed challenge to all of us to do more. Probably

in no other area of our work here at the Laboratory is the phrase 'continuous improvement' more apt. There are always things we can do to improve in pollution prevention, waste reduction and waste management, and we've got to expect more from ourselves."

One major step toward improvement came last year with the opening of the Waste Management Facility (WMF), which Pierce described as "a state-of-the-art facility to consolidate, store, package and ship low-level and mixed wastes that we send to other DOE sites for disposal and treatment."

Adding that the WMF is fully compliant with all Suffolk County, New York State Department of Environmental Conservation, U.S. Environmental Protection Agency (EPA) and DOE requirements, Pierce said it "represents a striking example of DOE taking major steps to protect the Earth, and BSA is eager to continue to develop more positive steps throughout this site to protect the Earth's resources."

Some of the protective avenues cited that afternoon were: DOE's Return on Investment Program (see story at left), a grant program designed to assist DOE laboratories in waste reduction and pollution prevention project; the recently signed agreement under which Brookhaven Town now accepts BNL's recyclables at the Town's recycling facility; and the memorandum of agreement that DOE and EPA had signed in March, to look for ways to prevent pollution in every process, operation and activity at the Lab.

Schlender said, "We know that this endeavor, along with our existing initiatives and the tireless efforts of our employees, will give us even more good news to report on the next Earth Day."

— Anita Cohen

Computer Training

Some seats are still available in the following classes to be offered by the Computing & Communication Division in May and June:

Date	Class
5/18 & 20	ACCESS, intermediate
5/19	EXCEL, intermediate
5/21	Word, beginner
5/29	EXCEL, beginner
6/5	PowerPoint, beginner
6/12	EXCEL, intermediate
6/16 & 17	ACCESS, beginner
6/23, 24 & 26	Visual Basic Prog., beginner
6/24	Word, intermediate

To register for these classes, or to view the catalog for other available courses, contact your department or division training coordinator. To register your interest in future classes, submit a completed training request form. When the form is received, you will be placed on a waiting list. Classes are scheduled based on the number of requests received. For more information, call Pam Mansfield, Ext. 7286.

71 Perfect Attendees Win \$200 Savings Bonds

Congratulations to the following 71 full-time employees who have each earned BNL's 1997 Perfect Attendance Award of a \$200 U.S. Savings Bond — with particular kudos to Paula Jean Pozzoli, Administrative Support Division (ASD), and Phyllis Tinsley-Smith, Biology Department, for leading the group with seven and six consecutive years of perfect attendance, respectively. In this caption, a star or stars following a name indicates that an individual had won BNL perfect attendance awards for that many years immediately prior to 1997; plus signs indicate previous perfect attendance wins during years that were not consecutive to 1997.

• (Front, from left) Joseph Rubino, Information Services Division (ISD); Zaida Rosado**, Plant Engineering (PE) Division; Veronica Varlack**, ASD; Patria Cortes**, PE; Janet Sikora*, Biology; Stanley Hanlon+, ASD; Hubbard Harris Jr., PE; (seated) Frederick (Spider) Ligon**, PE; • (Second row, from left) Frank Haibon+, ASD; Barbara Boerjes**, ASD; Susan Evans**, PE; Paula Pozzoli*****, ASD; Joe Modjeska**, ASD; Selestine Brown*, ASD; Joan Marshall, National Synchrotron Light Source (NSLS) Department; Edward Durham, PE; and (seated) James Callihan+, PE; • (Third row, from left) Mattie Brown**, ASD; Frank Gaetan+, PE; Frank Zambriski**, PE; Michael Lehecka, NSLS; Kenneth Wenger+, PE; Neal Jackson**, ISD; and Jerry Hobson+, PE; • (Back row, from left) Thomas Johnson, ASD; Richard Lutz**, PE; Ray Edwards*, Department of Applied Science (DAS); Louis Boyce, PE; Roy Johnson+, PE; Richard Ryder**, Central Shops Division (CSD); Paul Mickaliger*, Relativistic Heavy Ion Collider Project; Ronald Brewer**, CSD; and Herman Butts**, PE. • Not present were: Roy Barone**, Environment, Safety & Health Services (ES&HS) Division; John Bloom*, Reactor Division; Kerry Botts+, PE; Paul Callegari, Alternating Gradient Synchrotron (AGS) Department; Edward



Roger Stoutenburgh

Carley, CSD; Samuel Cortes**, ASD; Thomas Crews+, PE; James Downing*, ASD; Frank Flegar+, CSD; John Foley+, ES&HS; Jerry Gaeta, ISD; Gerald Greenidge**, CSD; Gennaro Guerra, PE; Claudia Hatton+, PE; Clarence Hicks**, PE; Marie Hobson, DAS; Linwood Johnson**, ASD; Christine King, CSD; Brian Mayo*, ASD; Lonnie Muldrow**, PE; Ronald Orsini*, CSD; Laurie Pollard+, CSD; Jerome Quigley**, ASD; Glenda Radich**, ASD; Jeffrey Raynor**, CSD; Alex Reben**, ISD; Brian Rohena**, PE; Richard Savoy, CSD; Gary Schaum+, ES&HS; William Schmidt**, PE; Randolph Seibel**, CSD; Scott Smith, DAS; Phyllis Tinsley-Smith*****, Biology; James Trombacco, Waste Management Division; Donald Von Lintig Jr.**, AGS; Bruce Weatherell+, Computing & Communications Division; Shelby Williams**, ASD; and Min-Hsiung Yang+, PE.

— Liz Seubert

Tree Planting Days

The entire BNL community is invited to help plant pitch pine seedlings today, Friday, May 8, and on Monday, May 11 — both days at 5 p.m. along the firebreak near the Lab's northern boundary. The Global ReLeaf program will provide seedlings and shovels, and volunteers can plant as many trees as they wish.

To reach the planting site, drive to the intersection of Railroad Street and Fifth Avenue, and travel east. Follow the signs to the firebreak. Volunteers should wear appropriate clothing, including long pants and socks to protect against ticks.



BNL Vehicle on Sale

One BNL motor vehicle is being offered at a public sale to current BNL and Brookhaven Science Associates' employees or retirees, permanent contractor employees with guest numbers and on-site personnel of the U.S. Department of Energy. The sale will be conducted by sealed bid, with opening on Thursday, June 4.

Prospective bidders may inspect the vehicle and obtain a bid form, while supplies last, at Warehouse T-87, on Wednesday, May 20, from 10 a.m. to 3 p.m. For more information, call Donna King, Ext. 4599, or Jerry Quigley, Ext. 4527.

Healthline Workshop Cook Easy, Eat Healthy

Searching for a way to prepare delicious foods quickly while keeping fit? Help is at hand! You can learn easy tips to put meals together in 30 minutes or less, with little to clean up. Just join Registered Dietitian Marlisa Brown for a buffet lunch and a "Quick and Easy Healthy Cooking Workshop," at noon on Thursday, May 21, in the Brookhaven Center.

Sponsored by the Health Promotion Program of the Occupational Medicine Clinic, the workshop costs \$7, payable at the door.

If you sign up, you will not only have fun and eat good, healthy food, you'll also take home recipes which teach you how to add flavor without adding fat. But, if you are subsequently unable to attend the workshop, you must notify Mary Wood, Ext. 5923, by May 19 at the latest to avoid responsibility for payment.

Brown, who focused on Mediterranean foods in her last workshop at BNL, has over 19 years of culinary experience, with numerous television appearances and publication contributions to her credit. She has worked with many athletic teams, including the New York Jets. Currently, she runs a regular cooking show for the American Heart Association.

To register for the lecture, before May 21, return the bottom portion of the flier recently sent to all employees to Mary Wood, Bldg. 490.

Watch Hill Camp Out

The BERA Mountain & Canoe Club will camp at the group campsite at Watch Hill on Fire Island, from Friday through Sunday, May 29-31. Members old and new are invited to join the fun — if you can't come for the whole time, come for as long as you can. For more information, call Nancy Kuehner, 878-6947.

Classes in English As Second Language

Several options exist for employees, guests, visitors and their spouses who are interested in taking English as a Second Language (ESL) classes.

Free Classes at BNL

The Lab offers free ESL classes every Thursday evening, 6:30-9:30 p.m., in the Human Resources Training Room at the rear of Bldg. 459, and all are welcome to attend. Classes are divided into two levels, beginner and more advanced.

Newcomers should attend promptly at 6:30 p.m. for information and an assessment of their English language skills. For more information, call Starr Smith, Ext. 7631, or Marilyn Pandorf, Ext. 5251.

Classes in College Settings

ESL classes are held at the State University of New York at Stony Brook (USB) and at Suffolk Community College (SCC). While these classes are not free, if employees take them for credit, they may be covered under the Lab's Tuition Reimbursement Program.

USB's Intensive English Center (IEC) offers a program of 18 hours-per-week of reading, writing, speaking and listening. In summer, the IEC offers two 4-week programs to all foreign students who have completed secondary school.

ESL classes of five hours per week for 12 weeks are offered at SCC in five sequenced levels, each level being a prerequisite for the next level. To attend, students must be at least 18 years old and take a placement test.

For more information, call SCC, 451-4707, or USB, 632-7777 or 632-7031.

Pick a H.S. Student

From June 29 through August 7, through the Community Summer Science Program (CSSP), local high-school juniors and seniors who are talented in science will attend morning lectures on BNL research and serve as interns in the afternoons under the direction of Brookhaven staff in laboratories around site.

Between Monday, May 11, and Friday, May 29, potential CSSP sponsors interns may review students' applications in the Science Education Center, Bldg. 438. Student interns participate in research at no cost to the sponsoring departments and divisions.

For more information, call Louise Hanson, Ext. 5849.

Equipment Demo

Exphil Calibration Labs, Inc., will host a product show on Thursday, May 14, 10 a.m.-2:30 p.m., in Berkner Hall. On display will be equipment from Tektronix, Iwatsu/LeCroy, AEMC, Fluke and Extech. Stop by to enter the free drawing for a digital multimeter to be given away at the show's end.

WWW: science opps.

Graduate students, postdoctoral fellows and junior staff may be interested in two new sites on the World Wide Web that were set up by the American Association for the Advancement of Science as resources for the next generation of scientists.

The first site, <http://www.grants.net.org>, is a searchable database of sources of funding, including new National Institutes of Health career development grants. By registering for this free database, which will list more than 350 programs by the year's end, you'll receive funding updates by e-mail.

The second site is also free, but only until September: At <http://www.next.wave.org>, you get news of the job market and advice on careers, job hunting and career transitions, as well as family-career issues. Interviews with young scientists in different fields give insights about research and conditions.

For more information, call the Information Services Division's Research Library, Ext. 3483.

Arrivals & Departures

Arrivals

Patricia I. Dillon.....Occup. Medicine
Francis La Barbera.....Plant Eng.
Victor M. Perevotzhikov.....Physics

Departures

Albert B. Andrews.....Comp. & Comm.
Louis E. Boyce.....Plant Eng.
John B. Deitz.....ES&H Services
Carl B. Eld.....AGS
Lily Liu.....Comp. & Comm.
Dorothy Marelli.....Human Resources
Charles W. Neuls Jr.....NSLS
Thomas J. Reisig.....Admin. Support
Edward T. Schwaner.....AGS
Sharon L. Zambelli.....ES&H Services

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Bowling

Red & Green League

April 21 — E. Meier 265/257/208/730 scratch series, K. Koebel 224/203/202/629 scratch, R. Mulderig Sr. 223/212/211/646 scratch, M. Meier 278/211/680 scratch, R. Larsen 244/225/632 scratch, J. Mayeski 234/201, R. Raynis 223/213/602 scratch, F. Wahlert 266, J. Griffin 236, R. Mulderig Jr. 233, J. Goode 226, J. Toner 222, W. Powell 224, J. Giuffre 224, L. Mulderig 203.

April 28 — R. Mulderig Sr. 256/215/659 scratch series, M. Meier 256/201/636 scratch, J. Goode 207/203, R. Raynis 206/206/600 scratch, J. Mayeski 204/202, E. Larsen 200/200, J. LaBounty 223, M. Guacci 212/601 scratch, J. Toner 203.

Purple & White League

April 23 — B. Tozzie 207/196/183, B. Mullany 210/202, L. Simes 190/189, C. Johnson 189/187, P. Wynkoop 234, R. Mulderig Sr. 207, G. Mehl 195, Donna King 194, F. Simes 180, T. Mehl 178, P. Manzella, 175, L. Mulderig 174, M. Yanez 174, M. DiMaiuta 172, B. Rothe 171.

April 30 — R. Eggert 246/225/639 scratch series, G. Mehl 245/221/625 scratch, P. Wynkoop 201/188/187, M. Meier 226/202/621 scratch, R. Mulderig Sr. 215/205, R. Koebel 212/190, K. Byrnes 198/187, J. McCarthy 215, J. Zebuda 212, K. Koebel 210, E. Sperry IV 210, A. Wynkoop 192, D. Keating 187, A. Scocca 186, J. Gormley 183, P. Callegari 180, M. Yanez, 175.

Position Available With BHG Contractor

RGMA, the support services contractor for the U.S. Department of Energy's Brookhaven Group (BHG) has a full-time opening for an individual to perform secretarial and clerical functions at BHG's on-site headquarters in Bldg. 464. Working knowledge of WordPerfect, MS Word, MS PowerPoint and MS Excel required. Familiarity with MS Access a plus. Duties include handling phones, typing, filing and other basic office practices and procedures. Fax resume to Frank Ohlhorst, Ext. 3444. RGMA is an equal opportunity employer.

Classified
Advertisements

Placement Notices

The Laboratory'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>.

The following vacancies are exempt from the Director's hiring freeze.

SCIENTIFIC RECRUITMENT - Doctorate usually required. Candidates may apply directly to the department representative named.

RIKEN-BNL FELLOW - An experimental division on spin physics of the RIKEN BNL Research Center will be established this summer. RHIC will be the first polarized proton collider, beginning in 2000, and the Center will play a major role in developing the RHIC spin program. RIKEN-BNL Fellow (up to a five-year appointment) and Research Associate (two-year appointment) positions will be offered for the fall of 1998. Members of the experimental division of the Center will have the opportunity to participate in the detector program at RHIC. Scientists with appropriate backgrounds who are interested in applying should send a curriculum vitae and three letters of reference to Dr. T.D. Lee, Bldg. 510A, before July 15, 1998.

LABORATORY RECRUITMENT - Opportunities for Laboratory employees.

MK2579. ENGINEERING POSITION - Requires a BS in science or engineering, and at least several years' experience in implementing a Quality Assurance program and/or Self-Assessment program. Experience in the implementation of DOE Order 5700.6C "Quality Assurance" is also required; management and policy development experience and a working knowledge of the Malcolm Baldrige process desirable. Responsibilities will include conducting formal evaluations of the Laboratory programs, processes, systems, Directorate self-assessment programs, and special studies. Will assist in the development, coordination, and execution of an Independent Oversight Assessment program. Independent Oversight Office.

DD7367. SECRETARIAL POSITION - (term appointment) Requires an AAS degree in secretarial science or equivalent experience and knowledge of Word Perfect for Windows. Will provide secretarial and office functions for various groups within the Reactor

Division. Duties will include preparation of procedures, correspondence and reports; file maintenance; and organization. Reactor Division.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

NS7012. COMMUNITY AFFAIRS REPRESENTATIVES - (term appointments) Requires a bachelor's degree or equivalent experience, and excellent written and oral communication skills to assist in community relations program relating to environmental restoration activities. A minimum of three years' demonstrated public relations experience is required. Must have strong writing background, desktop publishing experience and proficiency using a PC. Working knowledge of the Internet and Web page creation is a plus. Responsibilities will include extensive writing assignments, community outreach activities and coordination of public meetings. Community & Government Relations Office.

DD7852. TECHNICAL POSITION - (term appointment) Requires an AAS in mechanical technology or equivalent experience and demonstrated mechanical aptitude, including a knowledge of machine tools, precision assembly and gluing techniques. Previous experience with construction of wire-chamber detectors highly desirable. Will participate in the fabrication of Time Expansion Chamber detectors with a small team of physicists and technicians for PHENIX experiment at RHIC. Relativistic Heavy Ion Collider Project.