

McLane Coordinates Women's Programs

Victoria McLane has accepted a one-year appointment as BNL's Women's Program Coordinator (WPC), effective May 1. A senior physics associate in the Department of Nuclear Energy (DNE), McLane will spend 20 percent of her time working on issues and problems affecting women working at the Lab.



Victoria McLane

— Photo by Stoutenburgh

As the fifth person to serve in this position since it was established in 1975, McLane replaces the late Virginia Brown and reports to Mark Sakitt, Assistant Director for Planning and Policy.

The WPC position was established in 1975 to ensure that the Laboratory develop policies and implement programs that respond to the special needs of its women employees. As a part of the Employee Relations Program, the Women's Program Coordinator is another person to whom employees can bring their work-related problems for fair and prompt resolution.

In announcing McLane's appointment, Laboratory Director Nicholas Samios noted, "I believe that your predecessors were successful in helping to make Brookhaven a better place to work, and I feel that your experience as BNL's point of contact for the annual DOE

Review of Laboratory Programs for Women and as the coordinator of BNL's ad hoc committee assessing the Lab's programs for women will be helpful to you in your new assignment."

Heading the Review Delegation

Regarding the annual Department of Energy (DOE) Review of Laboratory Programs for Women, McLane returned yesterday from its third annual meeting. The reviews are held yearly as part of DOE's effort to improve women's access to careers in science and technical fields, and to ensure that the department and its laboratories, as equal opportunity employers of women, are setting an example for the rest of the nation.

This year's review, held May 10-13 at Oak Ridge National Laboratory, was attended by nearly 200, representing some 25 DOE labs and contractors. McLane headed BNL's delegation, which included: M. Sue Davis, Associate Director for Reactor, Safety & Security; Francis Ligon, Office of Equal Opportunity (OEO); Karl Swyler, Acting Manager, Office of Educational Programs (OEP); Joyce Tichler, Department of Applied Science (DAS); and Gail Williams, Manager, Office of Scientific Personnel (OSP).

As a result of McLane's lead participation in the second such review in the spring of 1991, Sakitt asked her to chair an ad hoc committee to review the status of women at BNL and the policies and programs already in place to assist them, and to recommend what should be done further to enhance opportunities and remove barriers for women.

"Ginger Brown had a lot of good ideas that were provided to us in the form of her notes, and her input was invaluable during our review," says McLane, whose ad hoc committee included Carol Creutz, Chemistry Department; Susan Eng, Computing & Communications Division; Renée Flack, OEP; Louise Hanson, DAS; Francis Ligon; Barbara Schmidt, Personnel Division; and Gail Williams.

The committee made its report to Sakitt last December, and its contents will form much of the agenda for the new WPC.

Explains McLane, "One of the reasons that I agreed to take this job is that I am excited about both the committee's recommendations and the administration's positive response to them. I feel that the time is right to get things done, so I am looking forward to my year working on their implementation."

On the Agenda . . .

According to McLane, her agenda will include internal and external outreach to increase the opportunities for women within the Laboratory and to encourage increasing numbers of women into scientific or technical careers.

Within the Lab, McLane will be working with OEP, Personnel and OEO on ways of improving the Lab's recruitment, retention, training, advancement and compensation of women. She will also direct her efforts toward issues such as the establishment of alternative work schedules, leave time for dependent care, benefits package options, women's mentors and support groups, and elder-care referral service. (continued on page 2)

John Blewett To Receive APS Prize

John Blewett, a retired BNL physicist who contributed significantly to the Lab's major accelerator projects, is the winner of the American Physical Society's (APS) 1993 Robert R. Wilson Prize. The \$5,000 award will be presented to Blewett on May 19 at the APS Particle Accelerator Conference in Washington, D.C.

APS established the award in 1986 to recognize and encourage outstanding achievements in the physics of particle accelerators.

Blewett, who worked at BNL from 1947 to 1978, said, "I am pleased to be chosen to receive the award and honored to be in the company of those who have received it previously."

APS lauds Blewett "For his many contributions, beginning in the 1930s, to accelerator physics and technology. These contributions (continued on page 2)



John Blewett at BNL's fortieth anniversary celebration in 1987.

Blume, Willis Elected to Academy of Arts & Sciences

Two of the 195 new Fellows elected to the American Academy of Arts and Sciences in 1993 hail from BNL: Deputy Director Martin Blume and Senior Physicist William Willis are among those selected to join the Academy's membership of about 3,800 Fellows and Foreign Honorary Members.

Founded in 1780, the Academy is a learned society with a dual function: to honor achievement in science, scholarship, the arts and public affairs, and to conduct a varied program of studies that reflect the interests of its members and are responsive to the needs and problems of society and of the intellectual community.

Among the diverse group elected to membership this year are former President Jimmy Carter, author Susan Sontag, cellist Yo Yo Ma, dancer Twyla Tharp, satirist Russell Baker, cartoonist Garry Trudeau, chemist Isabella Karle, and physicists Yuri Orlov, George Trilling and Frank Wilczek.

BNL staff previously elected to the Academy include retired Senior Chemist Gerhart Friedlander, former BNL Director Maurice Goldhaber, BNL Director Nicholas Samios, Associate Director for Life Sciences Richard Setlow, Senior Physicist Gen Shirane, Biology Department Chairman Bill Studier and Chemistry Department Chairman Norman Sutin.

A theoretical solid-state physicist, Marty Blume took his Ph.D. in physics at Harvard University in 1959, then joined BNL's Physics Department in 1962. In 1975, he began heading the committee that designed and developed BNL's National Synchrotron Light Source (NSLS). After the NSLS became a

construction project in 1978, Blume served as Synchrotron Radiation Scientific Program Head, 1979-81, before the Light Source was commissioned in 1982.

Named Associate Director for Low Energy Physics and Chemistry in 1981, Blume also took on the mantle of NSLS Chairman, from 1983-85. He continued in the latter role even after becoming Deputy Director in 1984. For his role at the NSLS and for his physical research in materials science, Blume received the E.O. Lawrence Award in 1981.

Blume's research interests have centered on the structure of solids and their magnetic properties. He has worked on relaxation and critical phenomena, and he has made definitive contributions to the theoretical analysis of magnetic phenomena in neutron scattering.

Bill Willis is an experimental physicist whose association with BNL began as a doctoral student at Yale University in 1955. After earning his Ph.D. in 1958, he joined the staff of Physics. He left in 1964, becoming a Yale professor, then a CERN researcher, but he returned in 1978 to head the Detector Division for the ISABELLE Project. He also continued his work at CERN and took an appointment as professor of physics at Columbia University, which he still holds today.

Concurrently, in 1990, Willis became head of BNL's Center for Accelerator Physics (CAP), but he turned the reins back to CAP cofounder Bob Palmer in 1991, in order to direct the development of the GEM detector for the Superconducting Super Collider and become involved with detector development for BNL's Relativistic Heavy Ion Collider.



Martin Blume



William Willis

Roger Stoutenburgh

Roger Stoutenburgh

Impressed With the New Press

You may not have realized it, but the very copy of the Bulletin that you are now reading is the third edition of the Lab's weekly paper to be printed using the new Komori Sprint 26 offset press (pictured foreground) just purchased by the Photo Offset Group of the Photography & Graphic Arts Division.

"While most people wouldn't notice the difference, we as printers can see the improvement in the copy quality, and the new press makes it a lot easier to achieve and maintain that quality," comments Photo Offset Group Supervisor Bruce Style.

The new press replaces a 22-year-old Harris (pictured in trailer, background), which, over its lifetime, imprinted 50 million pages of BNL technical reports, forms and public affairs materials. Purchased in 1971, the Harris was only supposed to last for 15 years, but annual overhauling and one rebuild extended its life expectancy.

After so many copies, "It was just worn out," explains Style, who, along with Graphic Arts Supervisor Ken Boehm, lead press operator Andy Brems and press operator Neil Jackson, participated in the selection of the new press.

To take delivery of the new press on April 23, not only were riggers required, but the Maintenance Management Center of BNL's Plant Engineering Division was called upon to coordinate the efforts of Lab carpenters, electricians and cabinetmakers — because the back wall of the print shop in Bldg. 197 had to be removed so the old press could be hauled out and the new press set in place with a forklift. Welcoming the new equipment are (in doorway, from left) Jackson and Brems, who, after three days of training, hung the first plate on the new press on April 28.

As Brems and Jackson learned, not only does the Komori employ the latest in photo offset technology such as computerized settings and water-based chemicals, but it is also safer and faster — feeding 11,000 sheets per hour



versus the 9,000 fed by the Harris. In addition, the largest paper size that that can come hot off the BNL press is now 20" by 26", an inch bigger in both dimensions.

Equipment Demos

Hubbell's Wiring Device Division will host a demonstration in Berkner Hall on Tuesday, May 18, from 10 a.m. to 2 p.m. On display will be wiring devices, and electrical and safety products, such as surge protectors and ground-fault interrupters. Literature, donuts and coffee will be available.

In conjunction with the NSLS Annual Users' Meeting, displays from 22 different vendors will be set up in Berkner Hall, Rooms A, B, C & D, on Thursday, May 20, 8 a.m. to 5 p.m., and Friday, May 21, 8 a.m. to 1 p.m. The vendors will be displaying cryogenic and vacuum instrumentation, hardware pumps and gauges, synthetic multilayers, diffraction equipment, data-acquisition hardware, monochromators, optical tables, positioning systems, linear and area detectors, NIM and CAMAC modules.

Defensive Driving Room Change

The Defensive Driving classes scheduled through June 29 have been moved from Bldg. 535A to Berkner Hall.

ANS Meeting

Alan Waltar, candidate for American Nuclear Society (ANS) president, will speak on "ANS Finances and Feathered Friends" at a meeting of the Long Island Section of the ANS, on Wednesday, May 19, at the Three Village Inn in Stony Brook.

Following cocktails at 6 p.m. and dinner at 7 p.m., the speaker will be introduced at 8 p.m. by Robert Bari, Deputy Chairman of BNL's Department of Nuclear Energy. For reservations, call Roz Goldberg, 929-8300, Ext. 3611, by Monday, May 17.

CRC Does Lab Tests

The laboratory of the Clinical Research Center (CRC), with the concurrence of the Occupational Medicine Clinic, offers laboratory testing services to full-time and eligible part-time employees. To obtain this service, bring a written request from your personal physician, along with your BNL employee identification card, to the main desk at the CRC in Bldg. 490.

To avoid conflict with other clinical and laboratory activities, requests will be processed and results made available to employees, Monday through Friday, from 1 to 4 p.m. only.

The CRC laboratory performs tests on an elective, non-urgent basis. Most test results are available in 7-10 days, though some may be available in two days. For urgent requests, employees should have the tests performed at another facility.

In Memoriam

The following retirees passed away recently:

Jack R. Hammond died on March 6, at 79 years of age. He was hired in April 1956, as a laborer with the Grounds Maintenance Group, retiring in November 1977, as a rigger in the Plant Engineering Division.

Dorothy Pollock died on March 28; she was 76 years old. She started her duties as a clerk for the Reactor Project in May 1947, and she retired as senior executive secretary in the Chemistry Department in December 1979. She is survived by her husband Budd Pollock, who retired from the Safety & Environmental Protection Division in 1978.

Georgina A. Fuld died on March 29, at the age of 74. She was hired in January 1957, as a clerk with the Alternating Gradient Synchrotron (AGS) Project. She was a senior administrative services assistant with the AGS Department when she left the Lab in April 1984.

McLane

(cont'd)

In addition, she will be concerned with the expansion of space and services provided by the Lab's Child Development Center, workshops and lectures offered by the Personnel Division and the Occupational Medicine Clinic on topics affecting women, and educational and mentoring programs sponsored by OEP for women.

With regard to reaching women outside the Lab, McLane will be working with OEP on recruiting more women students for BNL's existing educational opportunities, centralizing teaching materials and career information so local school teachers may borrow them, and holding more science and engineering career days geared toward young women.

For input on these proposals and more, McLane hopes to organize an advisory committee, made up of women from across the Laboratory's spectrum.

As one of the cofounders of Brook-

haven Women in Science (BWIS), which was established on site in 1979 as a nonprofit, independent educational and advocacy group, McLane has long worked with a group to improve working conditions for both men and women at the Lab and to encourage all students to study science, math and the like.

Constant Change for the Better

She admits, however, "I am a novice working within the system. So, to get to know the organizational structure of the Lab, I will try to get out to all the departments and divisions to introduce myself and my new mission, get to know people one to one, and ask for their input and cooperation."

As soon as possible, McLane will also take the time to learn "who are the best people at the Lab to whom women with work-related problems can be referred."

As WPC, "my function is to look within the Lab's existing programs to see how to fit in women's concerns

Blewett

(cont'd)

include the experimental verification and first indirect observation of synchrotron radiation, the first application of the alternating gradient focusing concept to linear accelerators, and very many developments in the design and construction of accelerators and storage rings."

Working at General Electric in 1945, Blewett was the first person to observe indirectly and verify experimentally the phenomenon of synchrotron radiation — the electromagnetic radiation emitted by a rapidly moving charged particle when it moves in a curved path.

Produced as a by-product of particle accelerators, synchrotron radiation was initially considered a limitation on high energy physics experiments. Once understood and harnessed, however, synchrotron radiation became a boon for a wide variety of researchers, from materials scientists to biologists.

Currently, synchrotron radiation sources flourish throughout the world, and one of the most important is BNL's National Synchrotron Light Source (NSLS). Blewett edited the Laboratory's proposal to build the NSLS, which began operating in 1982.

When Blewett arrived at Brookhaven, he took part in the design of the Lab's first proton synchrotron, the Cosmotron. When the Cosmotron reached its full design energy of 3.3 billion electron volts (GeV) in 1953, it was the world's highest energy accelerator at the time.

Blewett also made major contributions to the design of Brookhaven's 33-GeV Alternating Gradient Synchrotron (AGS), which began operations in 1960 and today is the world's most versatile accelerator. Also, he helped in founding the European particle physics laboratory, CERN, in Switzerland.

After the principle of alternating gradient focusing was discovered at BNL in 1952 by Ernest Courant, M. Stanley Livingston and Hartland Snyder, and independently by Nicholas Christofilos in Greece, Blewett applied it to the design of the linear accelerator injector for the AGS.

Blewett earned his bachelor's and master's degrees from the University of Toronto, and his Ph.D. in physics from Princeton University in 1936. Then he worked in the Research Laboratory of the General Electric Company in Schenectady, New York.

He came to BNL in 1947 as a scientist with the Accelerator Project,

better — then to help implement those changes. Since I've been at the Lab, I have seen constant change for the better for women at Brookhaven. As a result, as I've seen from the DOE reviews, BNL is now one of the Labs at the forefront as an employer of women. While much still can be done, I am confident that, with more women higher up the organizational chart and more understanding throughout the Lab, my year can be a productive one."

At BNL since 1962, McLane compiles and oversees the evaluation of neutron reaction data submitted to DNE's National Nuclear Data Center, which publishes reference books and maintains an on-line database for 1300 users countrywide.

In addition to founding BWIS, she served as its coordinator, 1981-83, and as president of the Long Island Chapter of American Women in Science, 1989-90. McLane holds a bachelor's degree in physics from Adelphi University.

— Marsha Belford

eventually becoming Deputy Chairman of the AGS Department in 1960. In 1973, he became a special assistant to the Laboratory Director.

With M. Stanley Livingston, Blewett coauthored the book *Particle Accelerators*, published in 1962 and considered a definitive work in the field for many years. Blewett also founded the journal *Particle Accelerators* with his long-time assistant, Yvonne Winterbottom.

During his retirement, Blewett has been involved in a variety of scientific, engineering, editing and committee projects, including serving on the technical review committee of a synchrotron light source in Taiwan.

He is a Fellow of the APS, the Institute of Electrical and Electronics Engineers, the American Association for the Advancement of Science and the New York Academy of Sciences.

— Diane Greenberg

Catch a glimpse of

GLANCE

playing in Berkner Hall
weekdays, 11:30 a.m. to 2:00 p.m.
Show changes every Tuesday.

Upton Post Office Appreciates You

If you buy stamps, mail letters and packages, or have a mailbox at the Upton Post Office, then the Upton P.O. appreciates both your business and you.

To express its appreciation to all Upton customers, the Upton P.O. will hold a Customer Appreciation Day on Wednesday, May 19, during the U.S. Postal Service's (USPS) Customer Appreciation week. From 10 a.m. to 1 p.m. that day, Postmaster Jeanine Fornsel invites all customers to an open house at the Upton P.O., Bldg. 179, where coffee and other refreshments will be served.

At that time as well, Upton P.O. customers will be invited to express their opinion of postal services, and they are invited to inquire about any and all of what the USPS has to offer. For more information, call Ext. 2539.

"Since we deal with more people daily than most services on site, we wish to learn how well we are meeting the needs and expectations of our customers," says Fornsel. "So, please come down and, over a cup of coffee, tell us how we're doing."

Sign Up for Disney

Openings are still available for BERA's third annual trip to Disney World in Florida, October 6-12. To sign up, bring a deposit of \$100 per person to Recreation Supervisor M. Kay Dellimore, Personnel, Bldg. 185, where you can also stop in and see a "Disney Family Collage."

The seven-day, six-night trip includes round-trip airfare, six nights at Disney's Polynesian Resort, and much more. Costs for adults are: \$868 — 4/room, \$926 — 3/room, \$1,039 — 2/room, \$1,491 — single. When in an adult's room, children ages 3-9 pay \$542 each, ages 10-17 — \$595 each, age 2 — \$335 for airfare only, under 2 — no cost.

For more information, call Dellimore, Ext. 2873, or Carolann Zebrowski, Ext. 3347.

1-to-1 Counseling From TIAA-CREF

TIAA-CREF representatives will visit the Lab on Wednesday and Thursday, June 2-3, to answer BNL employees' questions regarding the TIAA-CREF Retirement Plan. TIAA-CREF is finding that a one-on-one counseling session is helpful for people to get answers to questions about their TIAA-CREF participation. Such questions might include:

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

To arrange a half-hour appointment with a TIAA-CREF representative, call Joyce Wund, Personnel Division, Ext. 7516, by May 28. If there is enough interest in this program, the Lab will request that a TIAA-CREF counselor visit BNL periodically.



These VolleyBallAholics took top honors in League I: (back, from left) Bill Kropp, John Usher, Jonathan Laster, (front) Millie Laster. Not shown: Don Litcher, Sandy Litcher and Jean Spears.



Reigning as League II champions every night of the year are Monday Nite Live: (from left) Jean Jordan-Sweet, John Kirkland, Kathy Griffin, Jean-Michel Gillet and Millie Laster. Not shown: Kathy Kolski and Art Sedlacek.

Volleyball Champs



High Volley'em turned it up and won in League III: (back, from left) Mike Buckheit, Tom Langdon, Frank Karl; (front, from left) Eileen Buckheit, Caroline Karl and Lisa Lo Sordo. Not shown: Jim Boomer, Kim Boomer, Craig Diaz, Debbie Langdon and Sal Sclafani.



The Roofing Co. was on top of the rafters in the Open League: (back, from left) Jim Griffin, John Usher; (center, from left) Mark Renner, Mike Sagurton, Ron Webster; (front, from left) Barry Karlin and Terry Sullivan. Not shown: Don Litcher and Sandy Litcher.

Photos by Peter Horton

Tennis Anyone?

The Tennis Committee has started the tennis ladder for the 1993 season. Several players have signed up for the singles ladder already, but the committee would like to see more people sign up, especially women.

The committee also wants to start a doubles ladder, and anyone interested should sign up in the BERA Sales Office. If enough people sign up, the doubles ladder will start sometime in May and be run by Ed Gill. The cost to join either ladder is \$1.

Tennis Committee Members this year are: Rudy Alforque, Ext. 4733; Joe Carbonaro, Ext. 5139; Eena-Mai Franz, Ext. 7103; Ed Gill, Ext. 7207; Rita Kito, Ext. 3320; Ruth Ann Lutz, Ext. 7774; Ken Perkins, Ext. 2147; Steve Shapiro, Ext. 3822; Om Singh, Chairman, Ext. 5332; and Peter Vanier, Ext. 3535.

Hospitality News

The next meeting of the Women's Forum, led by Marion Davis-Parzen, will be Tuesday, May 18, in the Recreation Building lounge, starting promptly at 10 a.m.; please come on time.

The group meets on the third Tuesday of every month to discuss women's issues and share experiences and concerns. Wives of Lab employees and guests are welcome. Bring the children, plus a toy or two.

Arrivals & Departures

Arrivals

Jing-Zhen Jin.....App. Science
Cel T. Morada.....Occ. Med. Clinic

Departures

This list includes all employees who have terminated from the Lab, including retirees:
Daniel F. White.....RHIC

Golf

The Brookhaven Golf Association tournament played its first tournament of the season at the Heatherwood Golf Course on April 19, with 73 players teeing up under warm and sunny, but breezy, conditions.

In the various flights, the low-gross winners were: A, John Millener; B, Andres Ruga; C, Frank Zafonte; D, Michael Buckley; E, Andrew Marone. Low-net (Callaway) winners were: A, Vinnie Racaniello; B, Larry Musso; C, Bob Sabatini; D, Robert Chmiel; E, Jack McQuade.

Closest-to-the-pin honors went to: James Yerry, on hole #1; Roy Marlow, #9; Fred Meier, #15; and Henry Arnesen, #18. The longest drives were attained by Curtis Bergh on hole #5 and Frank Zafonte on #14.

Bowling

Red/Green League

C. Bohnenblusch bowled a 242, R. Eggert 235/223/637 scratch series, S. DiMaiuta 226/612 scratch, R. Wiseman 225, A. Warkentien 224/223, K. Asselta 218/207, S. Thompson 215/210, K. Riker 212/204, C. Scarlett 212, E. Meier 211, E. Sperry IV 209, R. Larsen 208, K. Koebel 204/201, R. Mulderig 203, T. Prach 201.

Purple League

Ed Beadle bowled a 235/592 scratch series, Ed Sperry IV 204, Lorraine Roeklein 204, Bob Geib 202, John Addressi 188, Mary Ellen Hubner 183, Nancy Erickson 181, Georgia Irving converted the 5-10 split, Kevin Carney converted the 6-7 split, Denise Monteleone converted the 5-7 split. Clearwater won the second half.

White League

Mike Meier bowled a 216/200/611 scratch series, Ken Riker 210, Joe Mayeski 208, Ben Belligan 204, Jim Petro 200/582 scratch, Maryann Reynolds 189, Norman Besemer 188, Renée Flack 187, Ed Sperry III converted the 1-2-7-8-10 split. Pin Gobblers won the second half.

Software Course

The Computing & Communications Division (CCD) has scheduled a Solaris system administration course for the week of May 24, starting at 9 a.m. in the CCD Seminar Room. This course will contrast the Solaris 2.1 system administration with the SunOS 4.1.X system administration, with emphasis on aspects that have changed.

For more information, call Ron Wittlock, Ext. 4112.

Cafeteria Menu

Monday, May 17	
Soup: Chicken noodle	.80/1.10
Entree: Baked BBQ chicken	3.45
Lite Choice: Pasta w/basil & tomatoes	3.25
Carvery: Hot pastrami sandwich	2.95
Grill: Tuna steak w/wild rice	3.65
Taster's Bar: Chicken wings (oz.)	.25
Tuesday, May 18	
Soup: Tomato rice	.80/1.10
Entree: Vegetable lasagna	3.35
Lite Choice: Sautéed chicken & broccoli	3.45
Carvery: Hot roast beef sandwich	2.95
Grill: Burger & soda special	1.25
Taster's Bar: Baked potato (each)	1.50
Wednesday, May 19	
Soup: Potato kale	.80/1.10
Entree: Pork loin w/stuffing	3.45
Lite Choice: Quiche Lorraine	3.35
Carvery: Hot ham sandwich	2.95
Grill: Ham, cheese & bacon platter	3.25
Taster's Bar: Chicken nuggets (oz.)	.25
Thursday, May 20	
Soup: Cream of broccoli	.80/1.10
Entree: Pork loin w/stuffing	3.65
Lite Choice: Vegetarian stuffed peppers	3.25
Carvery: Hot corned beef sandwich	2.95
Grill: Steak-um grinder	2.95
Taster's Bar: Hot wings (oz.)	.25
Friday, May 21	
Soup: Manhattan clam chowder	.80/1.10
Entree: Prime rib of beef au jus	4.25
Lite Choice: Baked fish Provencal	3.65
Carvery: Hot turkey sandwich	2.95
Grill: Tuna melt platter	2.95
Taster's Bar: Fried mixed vegetables (oz.)	.25
Movie Night . . . Brookhaven Center	
Wednesday, May 19 . . . 8 p.m.	
Mighty Ducks . . . free popcorn!	

BROOKHAVEN BULLETIN

Published weekly by the Public Affairs Office for the employees of BROOKHAVEN NATIONAL LABORATORY

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MARSHA BELFORD, Assistant Editor

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Classified Advertisements

Placement Notices

The Laboratory's placement policy is to select the best-qualified candidate for an available position. Consideration is given to candidates 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, handicap or veteran status.

Each week, the Personnel Division lists new placement notices. The purpose of these listings is, first, to give employees an opportunity to request consideration for themselves through Personnel, and, second, for general recruiting under 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, or call the JOBLINE, Ext. 7744 (282-7744), for a complete listing of all openings.

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

POSTDOCTORAL RESEARCH ASSOCIATE - Trained in chemistry or physics, to conduct research in atomic and chemical physics. Experience with ultrashort laser-pulse generation and amplification is desirable. Contact: Louis DiMauro, Chemistry Department.

LABORATORY RECRUITMENT - Opportunities for Laboratory employees.

DD 0672. SECRETARIAL POSITION - Requires an AAS in secretarial science or equivalent, previous relevant experience, a thorough knowledge of Laboratory policies and procedures, and familiarity with Laboratory organizational groups. Additional requirements include excellent communication skills and demonstrated organizational skills, WordPerfect 5.1, DOS, Harvard Graphics and IPAP travel-system experience. Nouvelle experience desirable. Director's Office.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside candidates.

DD 2713. HEAVY EQUIPMENT MECHANIC OPERATOR - Will maintain, operate and repair 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. Experience in crane operation is desirable. The ability to obtain and maintain valid Class 1 driver's license is also required. Plant Engineering Division.

DD 2702. METAL WORKER MAINTENANCE B - (temporary opening) Under general supervision, constructs and installs a variety of metal equipment such as sinks, gutters, ventilating hoods and stands. Operates machine tools and tinsmithing machines. Performs necessary brazing, welding and silver soldering incidental to the job. Requires previous experience in the trade. Plant Engineering Division.

Motor Vehicles & Supplies

92 KAWASAKI EX500 - 2 helmets, garaged, immaculate cond., \$2,500. John, 588-0910.

90 KAWASAKI 550 ZEPHYR - for motor/parts, cap for Mitsubishi Mighty Max. 399-6585.

90 FORD TAURUS GL - 6-cyl., 3.0L, a/t, air bag, tilt, remote mirrors, dark blue, ac, cruise, 66k mi., excel. cond., asking \$6,495. 475-9027.

90 TOYOTA COROLLA - 4-dr., 5-spd., 37k mi., am/fm cass., 4 new tires, ac, immac. cond., \$6,950. Jack, Ext. 4037 or Cathy, 744-8338.

89 GEO METRO - 5-spd., 4-dr., red, ac, am/fm, 97k mi., \$2,495. Joe, Ext. 2898.

89 PLYMOUTH SUNDANCE RS - 2-dr., a/t, fully loaded, excel. cond., \$5,775. Eric, Ext. 5875.

89 PONTIAC LEMANS - p/s, p/b, a/t, alarm, excel., \$5,500; '84 Pontiac Transam, p/s, p/b, a/t, good cond., \$1,500 neg. 277-2671 after 6 p.m.

88 YUGO - 53k mi., runs well, \$500. Bart, 924-6761.

88 CHRYSLER LEBARON - coupe, turbo, loaded, excel. cond., \$4,750. Ed, Ext. 7943.

88 CHEVY CONVERSION VAN - V-8, ac, a/t, TV, alarm, am/fm cass., captain's chairs, conv. bed, 66k mi., excel. cond. Bette, Ext. 7795 or 589-8331.

87 CAMARO - V-8, a/t, ac, alarm, stereo, blue/black int., v.g. cond., \$3,500 firm. 585-3417.

87 NISSAN VAN - seats 9, ac, clean in & out, asking \$4,700. Louis, 369-5730.

85 ALLIANCE - p/s, p/b, a/t, ac, new tires & stereo, no rust or dents, \$1,500. Ext. 2460 or 281-2471.

85 SUBARU XT - coupe, 5-spd., sunroof, am/fm cass., 96k mi., \$1,900. 588-9325.

85 TOYOTA PICKUP - w/cap, 5-spd., 99k mi., good cond., \$2,200. 924-9429 after 5 p.m.

84 SAAB 900 - 5-spd., p/s, p/b, sunroof, stereo, w/qualizer, excel. cond., \$3,000. Mike, Ext. 3867.

83 COLEMAN COLONIAL XL POP-UP TRAILER - sleeps 4-6, cooktop, sink, awning, excel. cond., \$1,500. 473-3604.

82 HONDA CBF - 900cc, 7k mi., orig. owner, excel. cond., \$1,000. 281-5082 eves.

82 AMC CONCORD DELUXE - 84k mi., am/fm cass., excel. mech./exterior cond., \$1,200. Gordon, 929-4173.

81 CHEVY SUBURBAN - 4wd, 350, a/t, good cond., \$2,750. Roger, Ext. 7518 or 878-8847.

78 DATSUN WAGON - a/t, \$275. Bob, Ext. 4637 or 692-8659.

78 DODGE DIPLOMAT - 318 V-8, 4-dr., a/t, 100+k mi., rebilt. trans., new rad., needs rear-end work, \$150. Don, Ext. 7237 or 744-2921 after 5:30 p.m.

Boats & Marine Supplies

33' EGG HARBOR CRUISER - 1977, twin 250-h.p. Chryslers, FWC, fully equipped, 473-0382.

23' HURRICANE - 1973, fg, i/o, 350 ci., V-8, engine needs work, \$700 neg. Mike, Ext. 3867.

22' FORMULA - 1984, 260-h.p. Merc., 2-axle Shoreline trailer, all options, mint cond., \$13,200. Ken, 473-7460.

19' 4 WINNS - 1987, cuddy, 195-h.p. Merc., FWC, canvas, \$7,000. Michael, Ext. 2081 or 878-9384.

18' TAHITI - boat & trailer, no motor, \$550. Steve, Ext. 4414.

18' STARCRAFT BOWRIDER - fg, deep V, 90-h.p., hydraulic engine lift, trailer, extras; p/winch, \$100. 722-3905.

17' MFG - fg, w/50-h.p. Mercury ob., incl. trailer, runs well, \$950. Mike, 929-8443.

16' GLASPAR - fg, needs motor. 369-8683.

15' MFG - V-hull, high sides, new Teleflex steering, 60-h.p. Johnson, Cox galv. trailer, \$1,100 neg. 878-8145.

14' HOBIE CAT - roller reefing jib, trailer, \$1,200. Ext. 7657 or 298-9560.

12' STAR CRAFT - aluminum, \$450. 941-4011.

CHRYSLER SAILBOAT - 1979, 1991 9.9-h.p. Johnson, excel. cond., roomy, sleeps 6, very clean, \$7,000. Marlene, 744-5801.

CONTROLS - Mercury Morse top-mount controls, like new, \$125. Mike, 878-1617 after 4 p.m.

DOCK SPACE - up to 25' space available, West Islip area. Dennis, Ext. 5278.

WINDSURFER - HiFly 600CS w/5.6 sq. m. sail, clamp-on boom, \$275. Gwyn, Ext. 7529.

MARINE ENGINE - 12-h.p. Yanmar, diesel, never used, asking \$2,000. 226-0898 or 727-9197.

SUNFISH - complete & ready to sail away, \$400; sailing rig by Old Town for canoe, incl. sail, mast, leeboards, rudder, etc., \$175. Bob, 261-3890.

Furnishings & Appliances

COLLECTIBLES - some antiques, big variety, water bed; air conditioners, \$50-\$75; love seat, \$60. Kathy, 929-8443.

HOOSIER CABINET - oak, restored, good cond., 69"Hx43"Wx27"D, \$475. Wink, 874-2762.

RANGE - Caloric, 4-burner, nat. gas, \$50; Norge washer, Westinghouse dryer, \$100/ea. or \$160/both. Frank, Ext. 7519, or Vita, 277-0464.

BEDROOM - 4 pieces, 6-drawer high dresser, 8-drawer low dresser, 2 side tables, walnut, \$550 neg. Hurst, Ext. 3844.

BUNK BED - oak, set w/dresser & desk, \$200; 6' drafting table, \$60. Terry, 499-8377.

CHAIRS - 2 cushioned, matching, \$35; vinyl suitcase, soft, \$10; twin electric blanket, used once, \$20. Joann, Ext. 5671 or 472-6742.

COUCH & LOVE SEAT - Col., 2 piece furniture, good cond., \$75. Julian, 924-0960 after 5 p.m.

DESK - w/hutch top, black, mint cond., \$60 neg.; entertainment center, mirror, glass shelves, mauve outer face, stained glass. Rose, 698-1523.

DINING ROOM SET - table w/4 chairs, 2 leaves, dark color, mint cond., \$150; microwave, G.E. Spacemaker II, v.g. cond. \$75. 265-4572.

ELECTRIC RANGE - G.E., self-clean, timer, temp. control, ask. \$150; Kitchen Aid dishwasher, 7 prog., works, \$40. Ext. 3701 or 751-8128 eves.

FREEZER - Kenmore upright, 12 cu. ft., like new, \$100. 924-3476 after 5 p.m.

FREEZER - Whirlpool upright, 2'27/2"wx4'56 1/2" h, white, moving, must sell, you pick up, \$200. Joe, Ext. 2314.

MICROWAVE OVEN - Litton, large capacity, \$60; G.E. Toaster oven, \$15. Bob, Ext. 4551.

PASTA MACHINE - Simac, electric, best offer. 744-4611 after 6 p.m.

REFRIGERATOR - G.E., 18 cu. ft., harvest gold, approx. 10 yrs. old, works well, clean, \$75. G. Rackett, 477-8699.

REFRIGERATOR - 14 cu. ft., harvest gold, 12 yrs. old, asking \$75. Frank, Ext. 2022 or 399-3446.

SLEEP SOFA - gray, dbl. bed, excel. cond., \$150; room air conditioner, 8k Btu, 9.0 EER, \$200. Culwick, Ext. 4930.

SOFA - Key City, trad., off-white stripe, excel. quality, new \$1,000, now \$300. Karen, Ext. 4262.

TRASH COMPACTOR - Kitchen Aid KCS-200, white, fits under kitchen cabinet, v.g. cond., \$30. Ext. 3103 or 728-0992.

VACUUM CLEANER - Eureka upright, like new, one yr. old, bags, must see, make offer. 727-2871.

BEDROOM - 6 pieces, Med., excel. cond., \$275; dining room table, bookshelf, folding chairs, toddler swing, playpen, etc. Jennifer, 369-7704.

Yard & Garage Sales

E. MORICHES - 50 Bay Ave., 5/15, 9 a.m.-3 p.m..

MIDDLE ISLAND - Sat. & Sun., 5/15-16, 9-4 p.m., multifamily, Wellington Rd., rain date, 5/22-23.

Lost & Found

LOST - Boxer, brown & white male, still on Lab site, last seen 5/5 w/blue & pink collar, responds to Caleb. 341-1051.

LOST - 4/30, gold, enameled dragonfly pin. Ann, Ext. 2666, or Michele, Ext. 2927.

FOUND - silver cluster earring, Bldg. 134. Ext. 2345.

FOUND - keys, GM, pkg. lot by Bldg. 120. Ext. 4043.

Real Estate

Real Estate advertised for sale or rent is available without regard for the race, color, creed, sex or national origin of the applicant.

For Rent

BAITING HOLLOW - beach cottage, priv. beach w/lifeguard, playground, rec. hall, fishing, sleeps 4, fully furn., kit., 25 min. to Lab, \$400/week, avail. June-Sept., Mike, Ext. 7861 or 331-7812.

The Brookhaven Bulletin is printed on paper containing at least 50 percent recycled materials, with 10 percent post-consumer waste.



BLUE POINT - 2 bdrm., kit., d/r, l/r, tennis, pool, boat slip, sun deck, 1 month, July. 363-8936.

CALVERTON - 3-bdrm. townhouse, 1 1/2 baths, cac, carpeted, 5 appl., upper deck & patio, 15 min. to Lab, avail. 5/1. 369-9091.

CALVERTON - 2-bdrm. townhouse, 5 appl., carpeted, cac, fp, patio, upper deck, neg., assum. mortg. Ext. 3558.

CENTER MORICHES - 3-bdrm. waterfront house, some furn., l/r, d/r, big kit., beautiful view, all appl., clean, w/w. gar., w/d, 15 min. to Lab, \$900/mo. Michelle., 874-3209 eves. or leave message.

CORAM - large, older house on acreage, poss. rooms to share, \$850/mo. + util. 732-2249.

E. MORICHES - 2-bdrm. apt., ground floor of Victorian house, bath, kit., d/r, l/r, lg. yard, 3 blocks to bay, shops, school, \$650/mo. + util. Mona, Ext. 5056 or 878-9384 eves.

E. YAPHANK - 1-bdrm., l/r-kit. combo, like new, pvt. ent., single, \$500/mo. all; working couple, \$550/mo. all. Donna, 924-3704.

HAUPPAUGE - Windbrook condo, 2-bdrm. ranch, LIE, Ext. 56, 30 min. to Lab, all appl., cac, w/w, pool, move in, \$900/mo. Vita, 277-0464, or Frank, Ext. 7519.

MASTIC BEACH - small 2-bdrm. cottage, screened porch, fenced-in yard, nice neighborhood, \$685/mo. +. Tom, 360-3803.

MIDDLE ISLAND - 2-bdrm. condo, 1 1/2 bath, partially furn., cac, all appl., 5 min. to Lab, clubhouse, \$875/mo. + util. 751-8351.

MILLER PLACE - new, semi-furn. studio, full bath/kit., single m/f, priv. ent., deck, wooded, near beach, no pets, nonsmoker, quiet, mature, \$475/mo. + 1/3 elec., sec., refs. 473-6950.

MILLER PLACE - 1-bdrm. apt., paneled kit., l/r, full bath, w/w, priv. ent., quiet neighborhood, \$560/mo. incl. all. 928-0093 after 4 p.m.

N. BAYSHORE - large 1-bdrm., full bath, l/r-d/r combo, new appl. & carpet, priv. ent., freshly painted, close to Southern State, nonsmoker, \$600/mo. incl. all. Steve, 243-1755.

PATCHOGUE - 1-bdrm. apt., eik, full bath, l/r, priv. yard & ent., new contemp., incl. cable, no pets, nonsmoker, \$600/mo. all. 447-6517 eves.

PATCHOGUE VILLAGE - 3-bdrm. upstairs apt., l/r, lg. eik, d/r, fenced yard, deck, walk to water, near stores, \$975/mo. incl. all. 447-6355.

RIDGE - 1-bdrm. cottage, full bath, 2 mi. from BNL, single nonsmoker, no pets, \$525/mo. Casper, Ext. 3469.

RIDGE - 3-bdrm. ranch, 1 1/2 baths, country kit., w/w, fenced yard, 3 mi. from Lab, \$975/mo., option to buy. Carol, Ext. 2673 or 744-8632.

RIDGE - lg. 1-bdrm. apt. w/priv. ent., full bath, w/w, 5 min. to Lab, suitable for 1 person/couple, no pets, avail. immed., \$650/all, sec. Ext. 5076, 744-6836 or 744-4615.

ROCKY POINT - new, 1-bdrm. downstairs apt., eik, l/r, w/w, free cable, priv. ent., 10 min. to Lab, fenced yard, driveway, city water, \$580/mo. incl. all. Syed, Ext. 5718.

ROCKY POINT - renovated 1-bdrm. apt., new appl., w/d, \$500/mo. Ext. 4530 or 821-4174.

ROCKY POINT - 2-bdrm. home overlooking Sound, priv. beach, priv. road, \$800/mo. furn. Tom, Ext. 7115 or 744-5801.

SELDEN - studio apt., kit., pvt ent., quiet res. area, \$500/mo. incl. util., 1 mo. sec. 689-1539.

SELDEN/CORAM - 1-bdrm. apt., l/r, d/r, eik, a/c, gas heat, pool, 15 min. to Lab, new paint, rugs, blinds, 1-yr. lease, \$725/mo., 2-yr. lease, \$700/mo. Frank, 698-5046 day or eve.

SHIRLEY - share house, own bdrm. and l/r, sep. ent., \$350/single incl all, \$450/double. 395-4521.

SHIRLEY - 3 bdrm., l/r, d/r, kit., full bath, new w/w, fenced yard, 1 mi. Smith Point, 8 mi. BNL, \$850/mo. + util. 744-5448 after 5 p.m.

SHIRLEY - studio apt., \$450/mo., 1 responsible employed person, nonsmoker, 10 min. to Lab, priv. drive & ent. 281-6263.

SHOREHAM - new 1-rm. apt., full bath, kit., sep. thermostat, patio, priv. ent., 10 min. to Lab, quiet, single nonsmoker, no pets. 821-4318.

SHOREHAM VILLAGE - 4-bdrm. home, 1 block from beach, tennis & country club, avail. 7/2-31, summer rental. Skotheim, 744-3480.

YAPHANK - Whispering Pines 2-bdrm. condo. 1 1/2 baths, l/r, d/r, kit., 5 appl., fp, bsmt., w/w, cac, att. gar., pools, tennis, clubhouse, 5 min. to Lab, no pets, \$950/mo. Susan, Ext. 7988.

ORLANDO, FL - 1-bdrm. apt., fully equipped, 5 min. to Disney World, 1 week up to 7/24, Fri.-Fri., you pick date, \$600/wk., neg. Ext. 2683.

MT. DESERT ISLAND, MAINE - lakefront, full furn. 1 rm. cottage w/sleeping loft, kitchenette, bath, fp, deck on Echo Lake, Acadia Nat. Park, 6/26-10/16, \$450/wk. Bob, Ext. 2514.

LAKE GEORGE - lakefront cottage, swimming 15' from door, fishing, boat docking, fully equipped kit., sleeps 4-5, 4 hours from NYC. (518)747-7821 or (518)499-2581.

CHESTERTOWN, NY - 18 mi. N. of Lake George village, Schroon River waterfront, sleep 8, fully furn., w/d, priv., \$550/wk. Darlene, 345-5365.

SHAWNEE, PA - sleeps 6-8, fp, Jacuzzi, more, in/outdoor activities, 5/23-29, Memorial Day weekend. Charles, Ext. 5211 or 321-6674 eves.

NORTH MYRTLE BEACH, SC - 1-bdrm. condo, sleeps 4 adults, fully furn., 3 golf courses, packages avail., near beach, quiet resort away from Grand Strand, \$300/wk. Joann, 472-6742.

HILTON HEAD, SC - 2-bdrm. condo, sleep 6, fully furn., 2 baths, pool, beach, golf nearby, April-Sept., \$450/wk. Guy, Ext. 3147 or 689-5378.

For Sale

BAY SHORE - 5-bdrm. high-ranch, M/D, 2 baths, 2 eik, 2 l/r, d/r, fenced, close to major highway, \$115,000 or rent, \$1,200/mo. Roger, Ext. 2411 or 331-4840.

BAY SHORE - lg. 1-bdrm. co-op, immac., 2nd floor, renovated, bright, cac, eik, fd/r, l/r, bath, w/w, terrace, security/gate, parking, \$77,000 or rent w/option. Kevin, Ext. 5865 or 665-7818.

BROOKHAVEN HAMLET - 4-bdrm. Col., 2 1/2 bath, l/r, d/r, fam. rm. w/tp, eik, laundry rm., 2-car gar., full bsmt., lg. screened porch, priv. setting on cul-de-sac, \$239,000. Ext. 2881 or 286-3372.

CALVERTON - 2-bdrm. townhouse, 5 appl., carpeted, cac, fp, patio, upper deck. Ext. 3558.

CENTER MORICHES - 4-bdrm. Col., 100'x150' lot, oversized l/r w/tp, d/r, eik, TV, laundry rm., 1 1/2 baths, att. gar., town water, full bsmt., 10 mi. Lab, \$165,000. Marilyn, Ext. 2259 or 878-0939.

DIX HILLS - 4-bdrm. Col, fd/r, 2 1/2 baths, igp, SD #5, den/tp, \$279,000. Yuri, Ext. 5379 or 586-3797.

HOLBROOK - 6-bdrm. M/D, 2 baths, 2 eik, d/r, l/r, carpet, deck, fenced-in yard, 10'x12' shed, walk to stores, \$145,000. 737-4082.

MASTIC BEACH - small 4-bdrm. Cape, 50'x200' lot, new kit., bath, furn., city water, fenced yard. 281-7491.

MEDFORD - 3-bdrm. center-hall Col., 1 1/2 baths, eik, den, l/r, d/r, gar., 0.4 acres, fenced, \$124,900. 286-1571.

MIDDLE ISLAND - Lake Pointe at Artist Lake, upper 1-bdrm. co-op, deck, cac, w/d, clubhouse, assum. mortg., \$59,000 neg. Bill, 924-1346.

MIDDLE ISLAND - 2-bdrm. lakefront co-op, upper unit, clean, bright, newly painted, l/r, d/r, kit., all appl., cac, gas heat, w/w, pool, tennis, clubhouse, 10 min. to Lab, \$56,000 neg. 924-5282.

MIDDLE ISLAND - lg. 1-bdrm. condo, 1 bath, excel. cond., 6 appl., cac, pool, clubhouse, tennis, upper, gas heat incl. in condo charges, some furn. avail., 5 mi. to Lab, Liz, 924-0138 after 5 p.m..

MILLER PLACE - 2-3 bdrm. Cape Cod, full dormer, RPSD, full bsmt., 0.27 acre fenced, private, deck, fp w/wood stove, 4-zoned OHWH, 1 1/2 car heated det. gar., appl., \$113,000. 744-4386.

MT. SINAI - 4-bdrm. Col., central hall, l/r, eik, fd/r, master bdrm. w/bath, fam. rm. w/brick fp, sliders to greenhouse w/Jacuzzi, deck, bsmt., gar., low \$140s. R. Cohen, Ext. 3484.

N. SHIRLEY - settle estate, older 3 bdrm., 1 1/2 bath, single floor, new vinyl siding w/insulation, OHWH, new cesspools, 50'x 218', fp or wood stove, Wm. Floyd SD, low taxes, \$69,900. 281-7683.

N. SHIRLEY - 3-bdrm. brick, over 1 acre, 3 1/2-car gar., M/D, extras, fin. bsmt., deck, city water, \$130,000. 924-9429 or 345-5783.

PORT JEFFERSON - custom built, 4 bdrm., 3 1/2 baths, fin. daylight bsmt., 2-car gar., gas heat, wooded setting, village beaches, country club, 331-4768.

RIDGE - 4-bdrm