

Discrimination Not a Factor In Former Employee’s Treatment, Labor Department Finds

Earlier this week, BNL received a copy of a letter sent by the U.S. Department of Labor (DOL) to former Laboratory employee Kenneth Dobreuenaski informing him that DOL’s fact-finding investigation “did not verify that discrimination was a factor in the actions comprising your complaint.”

In July, Dobreuenaski, who requested and was given voluntary layoff last February, had submitted a formal complaint to the DOL, alleging that he had been subjected to adverse personal actions in retaliation for making protected disclosures regarding the mishandling of nuclear materials, and that this was in violation of the Energy Reorganization Act, U.S. Department of Energy (DOE) regulations, and the public health and safety rules and regulations for workers at BNL.

Dobreuenaski had further alleged that his request to be processed through BNL’s voluntary layoff program was not a voluntary choice. He alleged that he was forced, coerced and put under severe duress as a result of the Laboratory’s actions, and that, effectively, he was discharged.

In response to Dobreuenaski’s allegations, the DOL noted: “Our initial efforts to conciliate the matter did not result in a mutually agreeable settlement. A fact-finding investigation was then conducted.”

As a result, the DOL concluded: “. . . your allegations cannot be substantiated for the following reasons:

“Investigation and review of relevant documentation and evidence, interviews with management, employees, including the Health Physics Technician and others, along with physical inspection of Building 811 demonstrated that the response by Associated Universities, Inc., to your actions was not retaliatory in nature, but rather reasonable in addressing and considering your concerns, and warranted in view of Associated Universities’ need to conduct business and the nature of their normal operations.”

When he left BNL, Dobreuenaski had worked at the Lab for 14 years, most of those years as a radioactive materials technician in Bldg. 811.

In December 1995, he raised concerns about BNL’s environmental compliance and worker safety, which were investigated and found to present no imminent danger to employees or to the environment.

Wood Earns Professional Plaudits For Promoting Health at BNL

This Wednesday, September 18, BNL’s Health Promotion Specialist Mary Wood received the Business & Industry Award for Government Agency Programs on behalf of the Laboratory and its Health Promotion Program (HPP).

The award was given by the Association for Worksite Health Promotion (AWHP) during that professional organization’s annual meeting in Phoenix, Arizona.

Established in 1976, AWHP is dedicated to enhancing the personal and organizational health and well-being of employees and their families by, among other activities, advocating the value of work-site health promotion. Each year at its annual conference, the association makes six awards to corporations, hospitals and government agencies for their excellence in fostering physical, mental and emotional well-being among employees in their workplaces, when that effort is directed by an AWHP member.

This year, BNL is being honored along with Hoechst Celanese Corporation, Lockheed Martin Idaho Tech-

nologies Company, Mount Sinai Medical Center, the University of Michigan Health Management Resource Center and the University of Wisconsin at Stevens Point.

Last year, the Lab finished second in its award category.

“I’m very pleased that a national organization is recognizing us with their top honor,” says Bryce Breitenstein Jr., who heads the Occupational Medicine Clinic, which offers the HPP. “Occupational health promotion is very important to the well-being of employees, so we are very lucky to have Mary and her program. She is a one-woman show, and her accomplishments are most impressive.”

“I am very excited by this recognition,” says Wood. “When I started in this field 20 years ago, I said to myself, ‘If I don’t do anything else in life but win the AWHP award, I’ll have done enough.’ So I’m very thankful that the Lab has given me the opportunity to do a good job, and that BNL employees have been so receptive and responsive to our program.”

(continued on page 3)



Mary Wood

Roger Stoutenburgh

Suffolk County Public Water Certified Radiation Safe

Recent, disturbing rumors are suggesting that Suffolk County’s public water is being contaminated by radiation from BNL.

These rumors are contradicted by the facts.

Under New York State (NYS) law, public water must be tested every four years for radiation. But the Suffolk County Department of Health Services (SCDHS), backed by the willing compliance of BNL, goes much further, testing for radiation every four months.

In addition, three times a year, the Suffolk County Water Authority (SCWA), which is a nonprofit, self-supporting, public-benefit corporation supplying Suffolk County residents with water, takes samples from all of its supply wells in the vicinity of BNL (see story below).

The laboratories that test all these samples are: SCWA’s CORE Laboratories, Casper, Wyoming; New York State Department of Health’s Inorganic and Nuclear Chemistry Laboratory, Albany; and Brookhaven National Laboratory. At some of these sampling events, the samples are split — water from each single sample tube is divided up and taken to be tested at multiple labs.

Results from all three facilities have been similar in nearly every test and show that the water is absolutely safe.

Natural Background Radiation

On Long Island, as anywhere else in the U.S., natural, “clean” water always contains some radiation, which comes from the fallout remaining after early atomic tests, from natural background sources and from generally used materials that improve the quality of life.

For example, sediment from the Peconic river, which rumor has it has been dangerously contaminated by BNL, typically contains radioactivity in the amount of 5,100 picocuries per pound. A picocurie is an extremely small measure of radiation, a trillionth

(continued on page 2)



Suffolk County Department of Health Services personnel take samples from a monitoring well.

LoGrande Calls Grossman’s Article ‘Out of Whack’

On September 12, The Southampton Press published the following letter from Suffolk County Water Authority Chairman and Chief Executive Officer Michael LoGrande regarding an article by Karl Grossman. The letter is reprinted here with the permission of LoGrande:

To the Editor:

Karl Grossman’s article “Inside Joke” which appeared in *The Southampton Press*, August 8, 1996, lambasted the Long Island Groundwater Research Institute’s publication *Connections* with such vengeance that I had to find my copy of the pamphlet to see if I missed something in my first reading. Having done so, I’m still not sure why Mr. Grossman is in such a tizzy.

Karl Grossman is a personal friend and in my opinion one of the best environmental writers in the country, but his “Inside Joke” article is way out of whack.

First, Suffolk County Water Authority customers should be reassured that their drinking water always meets or exceeds all federal, state and local drinking water regulations. Every single public drinking water well is monitored on a regular basis for contamination. There has never been any tritium or any other radioactive contaminant attributable to Brookhaven National Laboratory found in any public drinking water well operated by the Suffolk County Water Authority. Any inference to the contrary arrived at by a reader of the article would not be correct.

(continued on page 2)

Strictly Ballroom, Latin & Swing During National Ballroom Dance Week

Today begins a ten-day week known as National Ballroom Dance Week, which was inaugurated in 1989 to introduce people to the fun and fancy of ballroom dancing. So, during September 20-29 this year, all Fred and Ginger wanna-bes are invited onto the ballroom floor for a relaxing night out or a very aerobic workout, whatever suits your style.

In celebration of this event, the BNL Ballroom, Latin & Swing Dance Club invites all BNers to join its members tomorrow night, Saturday, September 21, at the North Ballroom of the Brookhaven Center. There, from 8 p.m. to midnight, you can cha-cha, swing, bolero, etc. the night away during the club's monthly informal Saturday social. Dress is casual; ball gowns and tail coats *very* optional.

Inviting you to dance with the BNL Dance Club and celebrating their victories at the New York Dance Festival ballroom competition at Kismet Shriners Temple, New Hyde Park, this July 27, are some of the club's members who participated: (back, from left) Mark Wilson, American Physical Society, who observed the competition; Jean Logan, Chemistry Department, who earned two first-place awards, two seconds and a third; partners Nelson Cause, Plant Engineering Division, and Wei Chen, Instrumentation Division, who captured four firsts and six seconds; and partners John Millener, Physics Department,



Roger Stoutenburgh

and Madeline Windsor, Information Services Division, who took five firsts and three seconds.

Former Empire State Ballroom Professional Theater Arts Champions (front, from left) Giny Rae and Peter Scieurca of Dance Magic studio in Smithtown have been the club's instructors since its beginning over four years ago. At the Kismet competition, Rae competed in the professional-amateur division with Millener, taking four first places, and Scieurca was Logan's partner in the pro-am division.

For more information about the BNL Ballroom, Latin & Swing Dance Club, call Marsha Belford, club president, Ext. 5053; Ron Ondrovic, 1st vice president, Ext. 4553; or Rudy Alforque, 2nd vice president, Ext. 4733.

Yoga Practice

Starting Wednesday, September 25, the BERA Indo-American Society invites all to its free yoga practices, held every Wednesday, from 12:10 to 12:50 p.m., in the Recreation Building in the apartment area.

Conducted by Smita Sathe, a typical session will include breathing exercises, Sun salutation, postures and relaxation. Participants are advised to wear a loose outfit and bring a mat or beach towel.

Since space is limited, registration is required. To register, call Ext. 3924.

County Water (cont'd.)

of the measure called a curie, which is the amount of radiation given off by one gram of radium.

Though some people are unaware of this fact, radiation is ever present in our environment. Among other common exposures in Suffolk County are the natural black sand from Fire Island's beaches, which contains thorium that radiates 217,000 picocuries per pound; and the road salt used to melt ice in winter, which contains potassium chloride with 197,000 picocuries of radiation per pound.

Paul Ponturo, Supervisor of SCDHS Bureau of Drinking Water, explained that to ensure that no radiation or other contaminant is entering the water supply from BNL — or any other source — an additional six monitoring wells, known as "outpost" wells, are being established near the supply wells already in place near BNL. Because groundwater flows so slowly, if any contamination were found in an outpost monitoring well, then there would be ample time to safeguard the main water supply.

BNL employees will recall seeing some of the outpost wells as they were drilled along the William Floyd Parkway this past summer. Just last week, another outpost well was installed on Dayton Avenue in Manorville.

Already, samples from some new outpost wells have been sent with samples from established monitoring wells to the testing labs at Wyoming, Albany and BNL. The labs measure tritium, gross alpha and gross beta.

Alpha and beta refer to the particular energy and type of radiation given off by certain radioactive materials as they decay — and alpha particles have less energy than beta particles. "Gross" means that this is a measurement of all the constituents that give off a certain type of radiation.

No Tritium Detected

The maximum allowable level for tritium in drinking water set by NYS,

the U.S. Environmental Protection Agency and the federal government is 20,000 picocuries per liter. To date, there has been no tritium detected in the public water supply wells owned by the SCWA in the area of BNL.

NYS safe levels for alpha and beta radiation are 15 and 50 picocuries per liter, respectively. If the analysis shows five picocuries per liter of gross alpha, the sample is reanalyzed to identify radium components of the gross alpha group. If gross beta particle activity exceeds 50 picocuries per liter, an analysis of the sample must be performed to identify the major radioac-

tive constituents present, and the total body dose must be calculated.

On September 7, 1995, at William Floyd Parkway well 3, CORE Laboratory results showed 7.2 picocuries of alpha radiation, which is less than half the allowable amount, but surprisingly higher than all other tests from NYS, BNL and CORE itself, before or since.

Said Martin Trent, Chief of the Bureau of Groundwater Resources, SCDHS, "In any laboratory testing, there are occasions when a particular result may differ quite widely from the average, and this can happen for a

Article Called 'Out of Whack' (cont'd.)

Secondly, *Connections* is a publication of the Long Island Groundwater Research Institute (LIGRI) Advisory Council chaired by Dr. Lee E. Koppelman and Dr. Henry Bokuniewicz. To imply that there is a conspiracy between LIGRI members and Brookhaven Lab to literally poison the wells is okay for movie plots like *China Syndrome* or *Silkwood*, but there is no relevance here no matter how much Mr. Grossman tries to stretch the sensationalism rubber band.

Finally, Mr. Grossman states that "[t]he Canadian government is now moving to lower the level of tritium it will permit in water to 540 picocuries per liter." This statement is simply not true. A telephone call to Environment Canada, the governmental agency responsible for Canada's environmental regulations, revealed that the Sixth Edition of Canadian Drinking Water Guidelines, which was just adopted this spring, established the level of tritium it will permit in drinking water at 7,000 becquerels (Canadian) per liter. One becquerel per liter is equal to approximately 27 picocuries per liter. This means that the Canadian drinking water standard for tritium is approximately 189,000 picocuries per liter, over 900 percent more permissible than the 20,000 picocuries per liter United States standard for tritium. The fact is that neither a 540 picocuries per liter standard for tritium nor its equivalent in becquerels has ever been proposed by the Canadian government according to Environment Canada.

Again, Karl Grossman is world renowned for his writings on the perils of radioactivity and I am one of his great admirers. However, I cannot allow even the slightest suggestion that Brookhaven National Lab may have affected Suffolk County Water Authority public supply wells. In spite of the fact that the Lab has been forthright in revealing past spills, the Authority continues to carefully monitor wells surrounding the Lab, and to date we have never detected any contaminant associated with the Lab.

Sincerely,
Michael A. LoGrande
Chairman/CEO Suffolk County Water Authority

variety of reasons. If this kind of result is repeated, it may be significant and must be accounted for. In the case of William Floyd well No. 3, quarterly testing of the well shows that the annual average gross alpha activity is less than one picocurie per liter. We continue to oversee stringent monitoring of this well and all other wells for public water supplies."

Robert Casey, who heads BNL's Safety & Environmental Protection Division, summed up the Lab's position: "The Laboratory views with the utmost seriousness all concerns that radiological releases from its facilities may pose an environmental and health hazard. Our monitoring system routinely keeps track of radioactive emissions in order to confirm that operations comply with local, state and federal regulations at all times. Any incident that involves unusual emissions is instantly reported and investigated.

"We take great pride in doing valuable research while ensuring that the radiation dose to the employees and to the general public is kept to a minimum," added Casey. "We calculate that the dose to a hypothetical person who stays day and night all year round at the site boundary is just one millirem. This compares with the three hundred millirems that every person on Long Island gets during a year from other sources.

"Because the Lab is situated over part of the sole source of Long Island's drinking water, we are particularly vigilant," Casey continued, "and we voluntarily established administrative controls that keep liquid discharges below the limits set by the Safe Drinking Water Act. All BNL's radiological releases have been well within local, state and federal guidelines since measurements were first taken in the 1950s."

— Liz Seubert
Note: Copies of the tables of testing results from the three laboratories that analyze the well samples are available from the Public Affairs Office, Bldg. 134, Ext. 2345

Time Spent on Berkner Hall’s Grand Pays Off Grandly for Casper Sun’s Son

When your child is six years old and so involved with his school work that he has skipped two grades, what is a parent to do about ensuring that the child has some “play” time?

If you are Casper Sun, a research engineer in the Department of Advanced Technology, then you buy your only child Eric a used upright piano through the local paper, so he can learn to play.

The only “problem” with Sun’s solution *isn’t* that Eric only has a 6-inch reach which isn’t long enough to master an octave.

The “problem” *is* that Eric approaches the piano with the same intensity that he puts into his class work and homework: Following his one-hour-a-week lesson, Sun’s son practices one hour before and after school — of his own volition.

One result of this unusual dedication was that Sun purchased a new baby grand Steinway when Eric turned seven in May 1995. “I told him, ‘Not many children your age get such an expensive birthday present,’” says Sun. “I told him, ‘I know I’m very lucky,’” says Eric.

Another result of Eric’s becoming

so accomplished is that, at his very first competitive event, the 11th Annual Chiang Wen Yeh International Young Artist Piano Competition, he earned first place in his age group, nine years old and under, out of approximately 50 other children from around the nation and the world.

For the competition, held this June at the John F. Kennedy Center for the Performing Arts in Washington, D.C., Eric had to play on a full-size grand piano.

However, Eric’s recital hall debut had been actually made two month’s earlier — at the Lab’s Berkner Hall.

Granted special permission to use the Steinway concert grand in Berkner, Eric practiced there two or three times a week to get used to the feel of its keyboard and pedals, and the sound that such a large instrument creates.

The Steinway grand in Berkner Hall was purchased in 1966 and, since May of that year, has been available for use by employees during evenings and weekends — but only if one is a serious pianist and on a list originally maintained by the late Mariette Kuper, acclaimed as the Lab’s first employee.

For the last 15 years, the list has

Eric Sun at the Steinway concert grand in Berkner Hall.

been kept by former Concert Committee Chair Edwin Popenoe, Medical Department, Ext. 3622.

In fact, regularly attending the BERA Concert Committee’s events in Berkner Hallsince the boy was six years old gave Eric and his dad the idea to seek permission for Eric’s use of the Berkner grand before his competition.

As the child learned through practicing in Berkner, “The sound of the grand’s bass is different — the tone is much richer, and it echoes in the hall,”



Roger Stoutenburgh

explains Eric. And, while the feel was different, it wasn’t unfamiliar, given that he plays a Steinway at home.

Eric is very at home on the piano: “I speak to the piano, and it speaks to me,” he explains. “I like its touch, I like how the sounds combine, and I like how the music feels.”

He continues, “Sometimes, when I get mad that I can’t play something right, the piano is my enemy, but most times it is my friend. I can express how I feel and how the music feels. But, if I’m upset [and the music doesn’t call for that emotion], I can’t express that — I have to express the emotion in the music.”

His favorite composer is Chopin “because I can use rubato,” which means he can interpret the music by lengthening some notes and shortening others.

When Eric’s piano teacher, Kenneth Gartner, Ph.D., who is the music director at Flushing High School, suggested Eric’s entering the competition, “I thought it was going to be easy,” says the young pianist. “But, as I kept rereading the rules, I kept going from thinking it would be hard to thinking it would be easy.”

According to those rules, Eric was required to play *Barceolle* by Chinese composer Li-Ly Chang and a piece of his own choosing, which was *Rumores de La Calata* by Isaac Albeniz. The morning of the competition, he was fourth to play and not nervous “because I knew if I didn’t win, it would be OK, but if I did win, it would be outstanding, so all I could do was try my best,” recalls Eric.

Listening to his first three competitors, he was impressed. When it was his turn to play, “I stumbled a little in the beginning because I got nervous about playing the roll of note right,” he admits. But then he got absorbed in the music, and his playing flowed.

That evening, it was a sleepy Eric who stumbled out of bed to find out from his parents and teacher that he had won. The next morning, “I had to ask again because I wasn’t sure if I hadn’t dreamt it,” he said.

The young pianist’s next musical challenges are to learn a Mozart concerto and *Etude* Op. 25 No. 6 by Chopin. And, as a sixth grader in the Longwood Middle School, Eric is learning to play viola in the orchestra, “for fun,” he says.

In the future, he wants to “play Carnegie Hall, and become a lawyer and a politician, and be elected president, and win the Nobel Prize. But, if I become president, I won’t have time to play,” Eric concludes.

— Marsha Belford

Coming Up

Stanley Prusiner, Professor of biochemistry at the University of California, San Francisco, will give the next AUI Distinguished Lecture on Tuesday, October 1, at 4 p.m. in Berkner Hall (note that this is one-half hour earlier than the usual time for such lectures). Entitled “Prion Biology and Diseases,” the lecture will focus on evidence that prions, unusual infectious proteins, cause mad cow disease and certain other central nervous system diseases.

Lunar Eclipse

BNL’s Astronomical Society reminds all that a total eclipse of the moon will take place on Thursday, September 26. To observe it, all you will need is your unaided eye and clear skies to find the moon in the south-southeastern portion of the sky.

The event will begin at 9:12 p.m., when the Earth’s shadow first touches the moon’s disk. The total phase of the eclipse will begin at 10:19 p.m. and last until 11:29 p.m. Even at mid-eclipse, which will occur at 10:54 p.m., the moon will not disappear completely from view. The eclipse will end at 12:36 a.m. on Friday, September 27, when the moon leaves the Earth’s shadow. For more information, call Phil Harrington, Ext. 5669.

Mary Wood (cont’d.)

BNL’s HPP was started in 1984 and headed by a part-time specialist from 1985 to 1989. Mary Wood became BNL’s first full-time Health Promotion Specialist in October 1990, leaving Beth Israel Medical Center in New York City, where she had been Director of the Department of Health Education and Information Services since November 1986.

At BNL, Wood expanded the scope of the HPP to encompass health, fitness and safety, by adding programs on water aerobics, body-composition analysis, walking, strength training, first-aid certification, skin-cancer and other health screenings, health-risk appraisal, defensive driving, ergonomic training, etc. In addition, she enlarged the existing programs, by offering more than one approach to weight management, smoking cessation, nutrition education and the like, and by bringing in more speakers to talk on a broader range of topics related to well-being for HPP’s lunch-time Healthline lecture series.

Wood also pioneered BNL’s Healthfest, held annually for the past three years as an annual celebration of employees’ health, fitness and safety, and scheduled this year for October 16-19. Last year, Wood opened the Healthfest health fair to employees’ families by holding it over a Saturday, and she added more sports events and other fun activities to Healthfest’s traditional employee fit-

ness walk and run.

Mary Wood earned her B.S. in community health and health education and her M.A. in health education from the State University of New York at Stony Brook. She holds an MBA in management from Aldelphi University. Wood was awarded permanent certification in health education and is certified by the National Commission for Health Education Credentialing as a health education specialist. She is an adjunct instructor of epidemiology at St. Joseph’s College, Patchogue. Wood was named a volunteer of the year 1995 by the Long Island Division of the American Cancer Society.

— Marsha Belford

Here’s to a Better You!

If you are looking for a weight-loss program designed around you, then consider “A Better You!”. Offered by the Health Promotion Program of the Occupational Medicine Clinic, A Better You! is a ten-session program designed and supervised by a registered dietitian and nutritionist, stressing life-style changes, not caloric deprivation. It will meet on Thursdays, from noon to 1 p.m. in Bldg. 490, beginning September 26.

During two of the sessions, participants will have private consultations with the dietitian or nutritionist, to assess their individual needs and customize a weight-loss program. The remaining sessions will focus on nutrition, healthy cooking, dining-out techniques, food shopping strategies, exercise, stress reduction, and more. Progress will be monitored by computerized body-composition analysis, and by taking weight and measurements.

The per-person cost is \$140. For more information or to register, call Mary Wood, Ext. 5923.

Arrivals & Departures

Arrivals

Sanjay Chaturvedi.....Chemistry
Onarae V. Rice.....Medical
William A. Zajc.....Physics

Departures

This list includes all employees who have terminated from the Lab, including retirees:
Maureen D. Barcelo.....Environ. Res.
Ruian Fei.....Chemistry
Richard S. Rozensky.....Central Shops

BROOKHAVEN BULLETIN

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

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Upton NY 11973-5000
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World Wide Web:
<http://www.pubaf.bnl.gov/~pubaf/bulletin.html>

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

Atlantic City Trip

The next BERA-sponsored, one-day trip to Atlantic City will be to Trump Castle Hotel and Casino on the marina, on Saturday, October 12. The initial cost will be \$22, but the hotel-casino will give a \$10 coin return.

The bus will leave the Brookhaven Center at 8:30 a.m., with an extra pickup at LIE Exit 63, if requested. As usual, there will be free rolls and donuts on board; bring your own beverage. After a six-hour stay in Atlantic City, return will be about 10 p.m.

Buy tickets now at the BERA Sales Office in Berkner Hall, weekdays, 9 a.m. to 1:30 p.m. For more information, call Andrea Dehler, Ext. 3347, or M. Kay Dellimore, Ext. 2873.

Tennis Anyone?

Whoever said that there is no such thing as a free lunch? Well, the Tennis Committee will prove that person wrong at BNL's tennis courts at high noon on Wednesday, September 25. There and then, the 1996 BNL tennis tournament winners will be presented with their awards, and, following that ceremony, lunch will be served — free — to all tournament players, tennis-ladder participants and their fans. The rain date is Thursday, September 26.

IBEW Meeting

Local 2230, IBEW, will hold its regular monthly meeting on Monday, September 23, at 6 p.m., in the Knights of Columbus Hall, Railroad Avenue, Patchogue. The agenda includes regular business, committee reports and the president's report. There will be a meeting for shift workers at 3 p.m. at the union office.

Amateur Radio

The BERA Amateur Radio Club will next meet at noon on Thursday, September 26, in Room C, Berkner Hall. All BERA members and licensed amateur-radio operators are invited to attend. For more information, call Chris Neuberger, Ext. 4160, or Nick Franco, Ext. 5467.

Softball

Final standings			
League E1		League E3	
Phoubars	11-3	Mesocyclones	12-2
Blue Jays	10-4	Pick-Up Sticks	7.5-6.5
System	9-4	Medical	4.5-9.5
Magnets	8-6	Bombers	4-10
Ice Men	7-7	League M1	
Titans	2-11	Stingrays	10-4
Cleen Sweep	1-13	Good Timers	9-5
League E2		Gour-Mets	9-5
Hammerheads	11-3	Snake Bites	8-6
Lights Out	10-4	OER Wellheads	5-9
Hy Tech	9-5	Parke Avenue	1-13
CCD	8-6	League M2	
Contaminators	8-6	Skeleton Crew	11-3
Scram	7-7	Varmints	10-3
Phase Out	6-8	Stray Cats	7-7
Phytinphytos	6-8	No Names	5-9
Feds	5-9	What's on 2nd	5-9
Sure Fire	0-14	Mon. Nite Live	4-10

Note: The address for the World Wide Web page of the BNL Softball League is <http://pubweb.bnl.gov/~l2ball/>

Softball Party

Now that the season is over, it's time to party! The annual Softball League Party will be held on Friday, September 27, beginning at 5:15 p.m. in the Brookhaven Center. For \$20 person, party-goers will have a hot and cold buffet, and music by deejay Ed Taylor. A cash bar will be available. Tickets must be purchased by Monday, September 23, from the team captains. For more information, call Rich Scheidet, Ext. 5284.

Season-End Tournament

The Softball League is hosting an end-of-the-season tournament for fun and prizes, scheduled to begin at 10 a.m. on Saturday, September 28, on BNL's softball fields. The tournament is open to all BERA members and their immediate families, whether or not you've played softball with the league. The league hopes to field eight mixed teams and eight men's teams. A barbecue and refreshments will be available. Softballs will be provided, so just bring your bats, mitts, family and softball spirit. Team fees, at \$50 per team, are due by Wednesday, September 25, to Tirre Farmer, Bldg. 452. If you are looking to form or join a tournament team, or want to volunteer as an umpire or barbecue chef, call Farmer, Ext. 3288.

Note to Employees:

Attendance at lectures, meetings and other special programs held during normal working hours is subject to supervisory concurrence.

Kids' Swim Lessons

Sign up now at the BNL pool, Bldg. 478, for swim lessons for children. Beginning Wednesday, October 2, eight weeks of children's lessons will be offered from 4 to 4:45 p.m. once a week, on either Wednesdays, Thursdays or Fridays. No make-up classes will be offered for missed lessons. The cost is \$45 per child. In addition, participants must either purchase a season pool pass or pay the \$2 daily pool fee. For more information, contact Head Lifeguard Susan Dwyer, Ext. 3147, after 4 p.m.

Trump This!

During the fall, the BERA Bridge Club will play duplicate bridge beginning at 7:15 p.m. in the South Dining Room of the Brookhaven Center on the following dates: Wednesdays, September 25, and October 9; Thursday, October 24; Wednesday, November 6 & 20; Thursday, December 5, and Wednesday, December 18. For more information or to find a bridge partner so you may join, contact Morris Strongson, club president, Ext. 4192 or e-mail mms@bnl.gov.

Bowling

Red & Green League
R. Larson 248/200, R. Raynis 246/213/647 scratch series, R. Eggert 225/217/604 scratch, R. Mulderig 218/216/607 scratch, K. Asselta 214/213, J. Griffin 220, H. Arnesen 214, E. Sperry IV 210/203, R. Wiseman 213, A. Pinelli 212, K. Koebel 207, G. Mack 202, J. Cuccia, Jr. 202.
Purple & White League
S. DiMaiuta 247, J. Zabuda 244, K. Riker 230/202, E. Sperry IV 228, R. Raynis 227/180, J. Meier 223/204/181/608 scratch, Don King 215, B. Mullany 212/192, N. Bessemer 208/193, B. Tozier 211, A. Pinelli 208, P. Wynkoop 201/189, J. Addessi 191, P. Callegari 191, T. Meier 190/177, D. Klein 189, P. Baker 185, D. Botts 181, G. Riker 179, R. Flack 174, P. Manzella 173.

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 Human Resources Division lists new placement notices, first, to give employees an opportunity to request consideration for themselves through Human Resources, 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 (344-7744), for a complete listing of all openings. Current job openings can also be accessed via the BNL Home Page on the World Wide Web. Outside users should open "http://www.bnl.gov/bnl.html", then, under "Information," select "Jobs." For scientific staff openings, select "Scientific Personnel Openings"; for all other vacancies, select "General Personnel Openings."

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

SCIENTIST - Trained in physics, chemistry or materials science, with several years' experience in neutron, x-ray or light scattering. Neutron scattering experience is preferred. Will participate in basic research into the properties of materials utilizing neutron beams generated by the High Flux Beam Reactor. Should have a record of independent research. Contact: J. Axe or S. Shapiro, Physics Department.

ASSISTANT SCIENTIST - Trained in NMR research with experience in MRI research. At the new High-Field MRI Laboratory of the Brookhaven Center for Imaging and Neuroscience, will be responsible for operating and assisting in the maintenance of the 4-tesla human MR instrument, and collaborate in ongoing *in vivo* MR and PET projects. Will also have the opportunity to develop an independent research program. Contact: Charles Springer Jr., Chemistry Department.

POSTDOCTORAL RESEARCH ASSOCIATE - Trained in solid-state physics, solid-state chemistry or materials science, with a strong background in crystallography. Experience with structure analysis by the Rietveld profile method and phase equilibria studies at high and low temperatures is preferred. The research program is centered around the application of high-resolution neutron and synchrotron x-ray powder-diffraction techniques to structure determination

and phase transitions. The research facilities include state-of-the-art powder diffractometers at beam port H1A at the HFBR and beam line X7A at the NSLS. Contact: D.E. Cox, Physics Department.

OPEN RECRUITMENT - Opportunities for Laboratory employees and outside applicants.

NS 4706. ADMINISTRATIVE POSITION - (term appointment) Requires BS in computer science, business administration or equivalent, and approximately two years of relevant experience. PC skills are necessary, including knowledge of MS Access, Excel and Word. Experience with Magic Solutions a plus. Will assist in supporting the BIS Help Desk and other activities such as documentation and testing. Financial Services Division.