

New Physics Run — Gold on Deuterium — Starts at RHIC

In research supported by the Division of Nuclear Physics in DOE's Office of Science, scientists at BNL's Relativistic Heavy Ion Collider (RHIC) are continuing their quest for an elusive form of matter. This time, to help unravel the mystery, instead of colliding gold ions at nearly the speed of light, they are colliding gold ions with deuterium ions.

January 12 marked the start of this year's physics run at the 2.4-miles-in-circumference, two-ringed particle accelerator, the world's biggest for studies in nuclear physics (see www.bnl.gov/rhic/default.htm). These new collisions of very heavy gold nuclei with relatively light deuterons, which are nuclei consisting of one proton and one neutron, loosely bound, are scheduled to continue through late March. They will provide a complementary view of these complex interactions, giving physicists deeper insights into the forces that bind nuclei together.

"If the protons and neutrons that make up all atomic nuclei were indestructible little spheres made up of tightly bound-together quarks and gluons, the properties of the deuteron-gold collisions could be related in a simple way, called 'scaling,' to

the gold-gold collisions," said Thomas Kirk, Associate Laboratory Director for High-Energy & Nuclear Physics. "We believe, however, that the protons and neutrons in gold-gold collisions at RHIC energies are instead melting into a very hot gas of quarks and gluons."

Analysis of data from collisions of gold nuclei obtained in previous RHIC physics runs has shown a peculiar effect, called "jet quenching," in which quarks emerging from the collision's center appear to be slowed or even suppressed by their interactions with the hot nuclear material. This effect is one possible signature of quark-gluon plasma formation, but other possible interpretations need to be examined.

By comparing these two clearly distinguishable collision behaviors — hard spheres vs. plasma — RHIC experimenters will be able to seek additional evidence for the existence of quark-gluon plasma, a prime research goal of the RHIC physics program.

In deuterium-gold collisions, while the two nuclei collide with the same high velocity — nearly the speed of light — the total energy of the collision is much lower, and the interaction

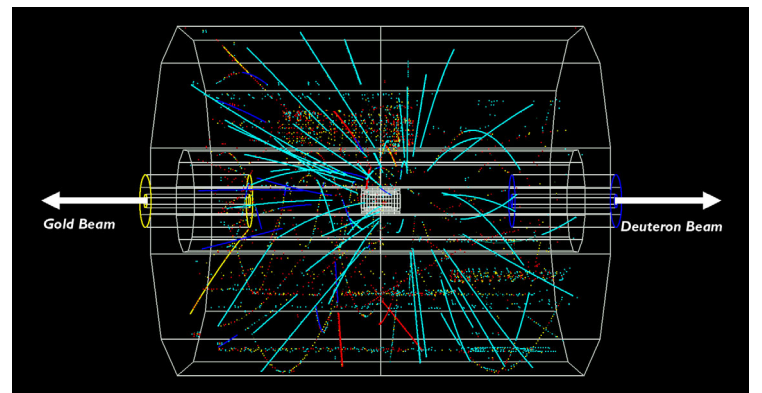
takes place within the cold nuclear material of the gold nucleus. The scientists hope the differences seen in jet-quenching behaviors between hot matter and cold nuclei will provide additional confirmation of quark-gluon plasma formation.

Another effect that could help distinguish gold-gold from deuteron-gold jet quenching behavior is the phenomenon that theorists call the "color glass condensate."

One manifestation of this effect in gold-gold collisions would be strong enhancement of the number of gluons in the quantum state of the incoming ions right before each collision takes place. Sharing the quarks' kinetic energy with extra gluons would then decrease the average energy of the quarks in the incoming gold ions, decreasing the number of jets observed.

This effect could partially offset or mask the quark-gluon plasma jet-quenching effect, but a full set of measurements, likely including a later RHIC run using intermediate-size ions, such as silicon, could help sort out combined results arising from quark-gluon plasma and the color glass condensate.

"Even though the RHIC experimenters don't yet know



Side view of a collision between deuterons and gold ions, captured by the STAR detector at BNL's Relativistic Heavy Ion Collider.

how the story of quark-gluon plasma and color glass condensate will play out," said Kirk, "they are well on their way to making the measurements that will tell the tale."

Machine Upgrades

New RHIC instrumentation systems installed for this run include an accelerator tune-measurement and tune-feedback system, and injection-oscillation dampers, important for preserving beam stability and small beam sizes, which produce high numbers of collision events.

These new instruments will also play important roles during another RHIC run, using polarized protons, scheduled to begin later this year. These experiments

seek to explain where protons get their spin, a property of elementary particles as basic as mass and electrical charge.

Satoshi Ozaki, Special Assistant to the BNL Director, who led the RHIC Project from its early days into its successful commissioning, said, "It is very exciting to know that the Collider-Accelerator Department crew has been successful in bringing a new operations mode to RHIC with their ingenuity and by using provisions built in to the RHIC collider. My congratulations also for their success in improving the performance of the collider, including the shortening of the collision diamond, to suit the experimental needs."

— Peter Genzer

Five BNL Scientists Awarded Tenure

George Hendrey Environmental Sciences Department

George Hendrey, an ecologist in the Environmental Sciences Department (ESD), received tenure for "his leadership role in the conception, design, and utilization of Free Air Carbon Enrichment, or FACE, facilities," said ESD Chair Creighton Wirick. "These facilities have been crucial to the mission of BNL and DOE in environmental science and have provided a wealth of data, not otherwise available, on the effects of increasing carbon dioxide (CO₂) on ecosystems throughout the world."

Hendrey received his Ph.D. in civil engineering

from the University of Washington, Seattle, in 1973, and joined BNL in 1977. Receiving a continuing appointment in 1981, he served as a technical representative, 1983-1988, in what was DOE's Office of Health & Environmental Research (now Biological & Environmental Research).

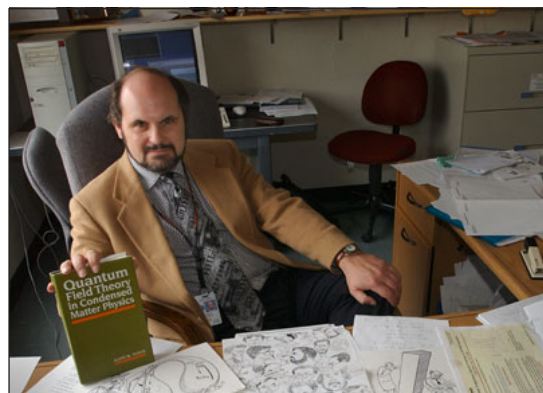
Recognizing that forests were an important area for CO₂ enrichment research, Hendrey led the way in developing the first FACE facility in North Carolina's Duke Forest in 1994. This research has led to the development of eight FACE facilities in various ecosystems around the world.

"The success of Hendrey's novel and unique system for controlling CO₂ concentration in the field has led to its being copied worldwide," said Wirick. "Hendrey's engineering achievement in developing FACE displays qualities of boldness, originality, and tenacity."

— Peter Genzer

Brookhaven Science Associates (BSA) has recently granted tenure to five BNL scientists: G. Lawrence Carr, National Synchrotron Light Source Department; Arokiasamy J. Francis, Environmental Sciences Department (ESD); George Hendrey, ESD; Alexei Tselik, Physics Department; Raju Venugopalan, Physics. Each of these scientists is being featured in *The Bulletin*, with Carr last December 13, Francis on January 10, and concluding this week with Hendrey, Tselik, and Venugopalan.

Alexei Tselik Physics Department



One of the leading condensed-matter theorists of his generation," Alexei Tselik, granted tenure in the Physics Department, "has changed our ideas in the areas of quantum magnetism and one-dimensional many-body physics through exact calculations," said Doon Gibbs, Head of Condensed Matter Physics and Interim Associate Laboratory Director for Basic Energy Sciences. "He is poised to lead the coming revolution in correlated electron physics, a major research area for BNL's new Center for Functional Nanomaterials."

According to Gibbs, BNL "scored a major coup" in 2001 in attracting Tselik from Oxford University to provide leadership within the solid-state physics program. "His stature on the international scene is widely acknowledged and he fits perfectly into the theoretical tradition established at the Lab by Vic Emery, Per Bak, and Marty Blume, including his interest in working closely with experimenters," Gibbs said. "We have rebuilt our theory program around him."

Tselik received his Ph.D. in 1980 from the Institute for High Pressure Physics of the Academy of Sciences in the former Soviet Union. Joining the Landau Institute for Theoretical Physics until 1996, with visiting appointments at U.S. universities, he then became a professor of physics at Oxford in 1997 until coming to BNL in 2001. — Karen McNulty Walsh

Raju Venugopalan Physics Department

For working at the forefront in high-energy nuclear physics theory by providing a basis for understanding the data coming out of the Relativistic Heavy Ion Collider, Physicist Raju Venugopalan was recommended for tenure by Physics Department Chair Samuel Aronson.

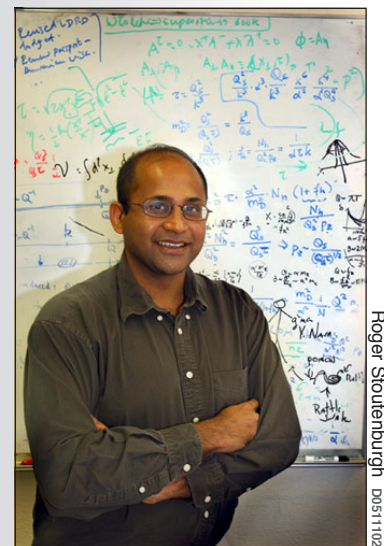
"Raju is a recognized leader in understanding the initial conditions needed for collisions of large nuclei at high energies, which are dominated by the properties of what are called small-x gluons," explains Aronson.

"As the driving force of semiclassical numerical calculations of these small-x gluons, Raju has a significant influence on his field, since his results and recent RHIC data indicate that, for large nuclei, these effects may be dominant."

By laying the theoretical groundwork, Aronson adds, "Raju is playing a vital role in developing the case for electron-ion physics at RHIC, a program which could drive nuclear physics at RHIC for years to come."

Raju Venugopalan received his Ph.D. in physics from Stony Brook University in 1992. After two postdocs and a research assistant professorship, he came to BNL in 1998 as an assistant physicist. Promoted to Associate Physicist in 1999, he was named RHIC Physics Fellow of the RIKEN BNL Research Center in 2000.

— Marsha Belford



Calendar of Laboratory Events

- The BERA Sales Office is located in Berkner Hall and is open weekdays from 9 a.m. to 3 p.m. For more information on BERA events, contact Andrea Dehler, Ext. 3347; or Chris Carter, Ext. 2873.
- Additional information for Hospitality Committee events can be found at the Lollipop House and the laundry in the apartment area.
- The Recreation Building (Rec. Bldg.) is located in the apartment area.
- Contact names are provided for most events for more information.
- Calendar events flagged with an asterisk (*) have an accompanying story in this week's Bulletin.

— EACH WEEK —

Weekdays: Free English for Speakers of Other Languages Classes

Beginner, Intermediate, and Advanced classes. Various times. All are welcome. Learn English, make friends. See www.bnl.gov/esol/schedule.html for schedule. Jen Lynch, Ext. 4894.

Mondays: BNL Gospel Choir

5:15-7 p.m. Berkner Hall. All faiths are welcome. www.bnl.gov/bera/activities/choir/.

Mon., Tues., & Thurs.: Kickboxing

\$5 per class. Mon. & Thurs. noon-1 p.m. in the gym; Tues., 5:15-6:15 p.m. in the gym; Thurs., 5:15-6:15 p.m. in Brookhaven Ctr. Registration is required. Mary Wood, Ext. 5923, or wood2@bnl.gov.

Mon., Thurs., & Fri.: Tai Chi

Noon-12:45 p.m., Brookhaven Center North Room. Adam Rusek, Ext. 5830 or rusek@bnl.gov.

Mondays: BNL Dance Club Ballroom, Latin & Swing Practice

5:30-7 p.m. North Ballroom, Brookhaven Center, except Lab holidays. Jean Logan, jlogan@bnl.gov or Ext. 4391.

Tuesdays: Welcome Coffee

10-11:30 a.m. Rec. Bldg. Hospitality event. Come and meet friends. The first Tuesday of every month is special for Lab newcomers and leaving guests. Hospitality Chair Monique de la Beij, 399-7656.

Tuesdays: BNL Music Club

Noon, North Room, Brookhaven Center. Come hear live music. Joe Vignola, Ext. 3846.

Tuesdays: Singles Club

12:30-1:30 p.m., Berkner Hall. Contact: Jean, Ext. 4391, Patrick, Ext. 3270.

Tuesdays: Aqua Aerobics

5:15-6:15 p.m. \$2 pool fee per class or use pool pass. Mary Wood, Ext. 5923.

Tuesdays: BNL Dance Club Individual & Couples instruction

5-11 p.m. North Ballroom, Brookhaven Center. Ron Ondrovic, ondrovic@bnl.gov or Ext. 4553.

Tuesdays: Toastmasters

1st and 3rd Tuesday of each month, 5:30 p.m., Bldg. 463, room 160. Guests, visitors always welcome. www.bnl.gov/bera/activities/toastmasters/default.htm.

Tuesdays & Thursdays: Aerobics

5:15-6:30 p.m., \$4 per class. Rec. Bldg. Pat Flood, Ext. 7886.

Tuesdays & Thursdays: Aqua Aerobics

5:15-6:15 p.m. Mary Wood, Ext. 5923.

Wednesdays: On-Site Play Group

10 a.m.-noon. Rec. Bldg. A infant/toddler drop-in event. Parents meet while children play. Svetlana Agafonova, 205-5065.

Wednesdays: Weight Watchers

Noon-1 p.m., Brookhaven Center South Room. Mary Wood, Ext. 5923, wood2@bnl.gov.

Wednesdays: Yoga Practice

Noon-1 p.m., Brookhaven Ctr. Free. Ila Campbell, Ext. 2206.

Wednesdays: Open Chess Night

5-8 p.m., Rec. Hall. Christine Carter, Ext. 5090.

Wednesdays: Exercise 101

5:15-6 p.m., Rec. Bldg. \$4 per class or \$35 for 10 classes. Stretching, low-impact aerobics, and other exercises. Pat Flood, Ext. 7886.

Wednesdays: Dance Club Group Lessons

5-9 p.m. North Ballroom, Brookhaven Center. Marsha Belford, belford@bnl.gov or Ext. 5053.

Thursdays: Science Discussion Group

12:30-1:30 p.m., Berkner Hall. Patrice Pages, Ext. 3270, pages@bnl.gov.

Fridays: Family Swim Night

5-8 p.m. at the BNL Pool. \$5 per family.

Fridays: BNL Social & Cultural Club

8-11:30 p.m., Brookhaven Ctr., social. Rudy Alforque, Ext. 4733, rudy@bnl.gov.

Saturdays: BNL Dance Club Monthly Ballroom Dance Social

8-11:30 p.m. Ballroom, Latin & swing dancing. North Ballroom, Brookhaven Center. 1/25, 2/15, 3/15, 4/12, 5/17. Marsha Belford, belford@bnl.gov or Ext. 5053.

THIS WEEK

Today, Friday, 1/17

Get to Know Your Lab Superconducting Magnet Division

Noon. Meet in Berkner Hall upper lobby. A Lab bus will transport participants to Bldg. 902 to see the mighty superconducting magnets of BNL, and Magnet Division staff will explain how these magnets are built and tested at BNL and how they work. The group will return to Berkner by 1 p.m. Elaine Lowenstein, Ext. 2400.

WEEK OF 1/20

Monday, 1/20

BNL closed in honor of Martin Luther King's Birthday.

No Bulletin will be printed this week.

Symposium Honors First Chemistry Chair Dodson



During a coffee break at the symposium, many attendees gather in the Chemistry Department lobby.

Last November 8, the Chemistry Department hosted a symposium, reception, dinner and concert to honor the memory of its founding chairman, Richard W. Dodson, who died on June 13, 2002. At the symposium, held in the Hamilton Seminar Room with Gerhart Friedlander presiding, friends and colleagues gave talks focused first on Dodson's career and scientific contributions: Friedlander spoke on "Los Alamos: The Manhattan Project;" Jerome Hudis on "The Creation of the Brookhaven Chemistry Department and 21 Years as Chairman;" Garman Harbottle, "Hot-Atom Chemistry;" Harry Gray, "Electron Exchange Reactions;" and Harold Schwarz, "Radiation Chemistry." Then, after a coffee break, talks focused on Dodson as catalyst for new research directions: Jacob Bigeleisen spoke on "Isotope Effects on Chemical Reactions;" Blair Munhofen on "The Search for Solar Neutrinos;" Edward Sayre, "Nuclear Methods Applied to Art and Archaeology;" and Julius Hastings

on "Neutron Scattering." A reception followed in Berkner Hall, and, afterwards, reminiscences of Dick Dodson were shared at the dinner, at which a martini toast was given in his memory. On display was an album of letters and photographs collected from Dodson's friends and colleagues for presentation to his family. Dodson's two sons, daughters-in-law, and all five grandchildren were present for the event, which Mary Ellen Dodson, his widow, was prevented from attending by ill health.

The dinner was followed by a concert, at which Robert Dodson and Maria Asteriadou played the Rachmaninoff Sonata for Cello and Piano, and Georgios Demertzis and Asteriadou played the Richard Strauss Sonata for Violin and Piano. The elder son of Richard and Mary Ellen Dodson, Robert is Dean of Oberlin College Music Conservatory and a professional cellist. Participants agreed that the entire event recaptured the vibrant and harmonious spirit of the years of the Chemistry Department under Dodson. — Liz Seubert

BNL's United Way Fund Achieves \$115K Goal

BNL's United Way Fund Drive has hit the target of \$115,000, announces Fund Drive Coordinator Linda Sinatra, who thanks all BNLeers and retirees who helped in this effort. More details will follow in future issues of the Bulletin.

EAP Outreach Program

'The Road to Resilience,' 1/24

On Friday, January 24, psychologist Peter Kanaris will present a talk at noon in Berkner Hall, Room B, sponsored by the Employee Assistance Program. During his talk, "The Road to Resilience," Kanaris will discuss how to enjoy life despite difficult times.

Kanaris holds a doctorate in clinical/school psychology from Hofstra University and has served as a senior clinician, training supervisor, and faculty member at the Albert Ellis Institute in New York City. Recognized for his leadership as the Public Education Campaign Coordinator for the Suffolk County Psychological Association, Kanaris has also co-hosted "Psychology and You," an educational video series.

Check your mailbox for registration forms. For more information, contact Dianne Polowczyk, Ext. 2699, or polowczyk@bnl.gov.

2002 New York City Train Trips

Discounted group trips to New York City via the Long Island Railroad (LIRR) are arranged by the Brookhaven Tour Group and Patchogue-Medford Library.

Trips usually take place on the first, third, and fifth Wednesdays of each month, leaving from Patchogue at 7:56 a.m. Group members travel to the city together and return separately at any time that day. The roundtrip cost is \$8 per person; \$9 or \$10 for fewer than 30 people. Children under five ride free. Times and fares may change.

To reserve, mail a check payable to cash to be received by the Monday before the Wednesday trip to Diane Weid, 645 Old Medford Ave., Patchogue, NY 11772. Include your name, phone number and date of the trip. Or call 475-2394 and leave your name, phone number, number of tickets needed, date of trip, and where you will board the train if not at Patchogue. Phone reservations must be paid in cash on the morning of the trip. Cancellations must be made before 9 p.m. the evening before. Emergency cancellations can be made by calling before 7:30 a.m. on the morning of the trip, but they are accepted only if the group will still have a minimum of 30 people. If you reserve by phone, do not cancel, and do not show up, payment is due. Wednesday trip dates are:

Jan. 29	July 2, 16, 30
Feb. 5, 19	Aug. 6, 20
Mar. 5, 19	Sep. 3, 17
Apr. 2, 16, 30	Oct. 1, 15, 29
May 7, 21	Nov. 5, 19
June 4, 18	Dec. 3, 10, 17

Arrivals & Departures

Arrivals

Zahid Baccus Ctrl. Shops
Letesha Smith NNS
K. Jessica Thomas Physics
Elena Tselvik Info. Sys.

Departures

Neiza Hernandez Env. Sci
Clayton Hughes Rad. Ctrl.
Connie Sadler ITD

In Cold Weather, Refuel With Care

In cold, dry weather, static electricity can cause gasoline refueling fires, warns BNL's Fleet Manager, Henry Hauptman of Staff Services. If you are filling your vehicle, stay outside during the process. By re-entering your vehicle, you could become charged with static electricity which, on your return to the fueling point, could be discharged, resulting in a fire.

If you do need to discharge static after you have started refueling, touch the outside metal portion of the vehicle, away from the filling point, before removing the gas nozzle. For more information, see www.quicktrip.com/gasoline/gasoline_safety.asp.

COMPUTER TRAINING

The following PC training classes have been scheduled for January/February/March:

January 27	Excel – level 3
January 28	PowerPoint – level 2
January 29	Windows – level 1
January 30 & 31	*Access – level 3
February 24	Windows – level 1
February 25 & 26	*Access – level 1
March 10	FrontPage – level 1
March 11	Outlook 2000 – level 1
March 12	PowerPoint – level 1
March 13 & 14	*Access – level 2
March 17	Windows – level 2
March 18	Word – level 1
March 19	Excel – level 2
March 21	Project – level 2
March 27	html – level 1
March 31	Excel – level 1

* Two-day class

The training fee for the on-site classes listed above is \$151 per day of training. BNL employees can also register for classes at the New Horizons Computer Learning Centers located in Commack and Westbury. To register for on-site or off-site classes, view class outlines and additional schedules, and obtain other information, go to the Information Technology Division Website, www.bnl.gov/itd/training, or contact Pam Mansfield, pam@bnl.gov, or Christine Herbst, herbst@bnl.gov.

Wanted Volunteer Mentors

Volunteers are needed as mentors to students in a new Big Brother and Sisters Program.

Big Brother and Sisters of Long Island, in partnership with the William Floyd School District, is looking for several men or women to mentor high school students at William Floyd High School.

Volunteer mentors will receive training to work with a student for one hour a week, in the high school, middle school or elementary school. Previous participants have found that this comparatively small investment of time reaps much satisfaction in making a difference in a young person's world.

Cindy Perrier of Big Brothers and Sisters of Long Island will visit BNL on January 21. All those interested in learning more about the mentoring program are invited to join her in Room B, Berkner Hall, from noon to 1 p.m.

Apply by April 1

Chasman Scholarship for Women

Applications are now being accepted for the Renate W. Chasman Scholarship for Women. This scholarship was established in 1986 to encourage women to resume their studies in natural sciences, engineering or mathematics. The winner receives a one-time award of \$2,000 from Brookhaven Women in Science, a not-for-profit organization that promotes the advancement of women.

Candidates for the scholarship must be U.S. citizens or resident aliens who live in Nassau or Suffolk County, or the boroughs of Brooklyn or Queens. They must be accepted for credit in a degree-oriented program at an accredited institution. Their program of study for 2003-2004 must be either at the junior or senior undergraduate level or at the first-year graduate level, to be pursued on a half-time or greater basis.

A committee of BNL scientists will choose the winner. The award will be made directly to the recipient, who will be expected to complete at least two consecutive school terms in good academic standing. Obtain application forms from lsmart@bnl.gov, or download forms from: <http://www.bnl.gov/diversity/women/bwis/chasman.html>. Or, for forms and more information, write to: Chasman Scholarship Fund, P.O. Box 183, Upton, NY 11973, and include a stamped, self-addressed envelope. The deadline for applications is April 1.

The Renate W. Chasman Scholarship Fund is supported by fund-raising events and tax-deductible contributions from individuals and organizations. Renate W. Chasman (1932-1977) was a noted physicist at BNL. Her work influenced the design of particle accelerators around the world, including BNL's National Synchrotron Light Source.

Healthfest 2002 — the Tenth Annual Celebration Of Personal & Workplace Health, Fitness & Safety

Healthfest 2002 — BNL's annual celebration of personal and workplace health, fitness, and safety — turned ten this year, and again drew a healthy crowd of employees, facility-users, retirees, and their families to all of its offerings.

This year, some 675 people registered for at least one event, which is a record. Another record set is the 60-plus tables of exhibitors, who offered displays, demonstrations, and screenings during the two-day health, fitness, & safety fair.

As a result of the involvement of its staff, the Standards-Based Management System Office won the third annual Healthfest Participation Award. In total, some 975 T-shirts were distributed to participants and volunteers, and over 90 door prizes were awarded.

Stretching from October 21 to 25, Healthfest began that Monday with 80 participating in the stretch, and 375 complet-

ing the two-mile fitness walk. On Tuesday, 119 runners competed over a five kilometer course during the fitness run, which was won for the second year in a row by Terry Sullivan in 16:52 (see results, below). Again for the third consecutive year, the fastest woman was Sharon Zuhoski, with a time of 21:59.

Then, on Wednesday and Thursday, BNLers attended the Healthfest fair, sampling information and activities in Berkner Hall offered by some 35 outside organizations and ten Lab departments, divisions, and offices.

During the fair, 208 people took part in the water-tasting, while another 18 brought in water from home for testing. One hundred experienced a massage and/or Reiki, 80 had their blood pressure taken, 57 attended the hearing screening, 52 had their body composition analyzed, 38 attended the podiatry screening, 38 met with the registered dietician about

weight management, and 35 attended the prostate screening, which was a first-time event.

For a workout, 20 participated in cardio-kickboxing, and 18 attended jazzercise. Finally, on Friday, more than 160 pedaled their mountain bikes 5 to 8 miles along the Lab's firebreaks.

According to the more than 150 evaluations that have so far been received by Healthfest organizer Mary Wood, who is the Health Promotion Coordinator in the Occupational Medicine Clinic, the week was once again viewed as worthwhile.

"The best part of Healthfest is the promotion of making health part of your everyday life," noted one evaluator. In fact, many participants reported that, over the years, they have made and maintained positive changes in their lives as a result of their involvement in Healthfest.

For their involvement in Healthfest 2002, Wood thanks co-chair Richard Machnowski,

the Healthfest organizing committee, and the many activity volunteers. "It couldn't have happened for the past ten years without the involvement of our outstanding team."

In addition to Wood and Machnowski, the Healthfest 2002 planning committee includes: Marsha Belford, Patti Bender, Nicole Bernholz, Sharol Busby, Joseph Carbonaro, Sheryl Carey, Christine Carter, Ruth Comas, Nancy Concadoro, Denise DiMeglio, Y. Renee Flack, Patricia Flood, Joann Giambalvo, Diane Greenberg, Claudia Hatton, Diane Hatton, Augie Hoffmann, Peter Pohlot, Linda Rundlett, Michael Timm, Kathleen Walker, Jeffrey Williams, Kevin Wolniewicz, Firoza Zaroni. Overseeing the organizers is the Healthfest executive committee, which includes: Ken Brog, Bill Hempfling, Greg Ogeka, Brian Sack, Laura Sbarra, and Tom Sheridan.

— Marsha Belford

2002 Healthfest 5-Kilometer Fitness Run Results



Joseph Rubinio 01121002

Terry Sullivan	16:52.7	Mike Fulkerson	21:54.9	Tom Butcher	24:12.5	Ben Ocko	26:20.9	Doug Ports	28:45.8
Trevor Sears	17:43.8	Neville Williams	21:57.5	Dardo Gustavo Tomasi	24:17.3	Ray Duffield	26:26.4	Judy Lloyd	28:53.4
Donald MacKay	17:59.2	John Young	21:58.0	Leif Ahrens	24:19.7	Sharon Wang	26:27.5	Wai Lin Litzke	29:06.6
Bob Kujawski	17:59.7	Tim Powers	21:58.8	John Flannigan	24:22.7	Hank Hauptman	26:28.5	Dana Carasig	29:17.2
Torben Kossel	18:38.0	Seth Nemesure	21:59.1	Dave Morrison	24:29.1	Karen Christie	26:41.2	Kathleen Tuohy	29:28.8
Paul Geiger	18:39.7	Sharon Zuhoski	21:59.5	Robert Todd	24:30.9	John Ostaslewski	26:49.5	Tom Clifford	29:33.3
David Phillips	19:03.9	Richard Wilke	22:09.0	Robert McGraw	24:37.6	John Toner	26:52.5	Ernie Lewis	29:36.5
Benji Lewis	19:21.9	Gene Van Buren	22:39.2	Nicholas Contos	24:46.0	Rita Goldstein	26:59.4	Heather Hartmann	29:38.1
Victor Usack	19:25.2	Steven Bellavia	22:42.8	Edson Kakuno	24:53.1	Marie Van Buren	27:00.6	Christine Brakel	29:43.6
Wolfgang Caliebe	19:30.4	Shai Vaday	22:43.1	Peter Kohut	24:55.7	Samuel Cortes	27:01.5	George Walczyk	29:46.9
Boris Podobedov	19:39.4	Bob Lake	22:52.1	Michael Gaffney	24:56.0	Les Fishbone	27:03.4	Jeff Landgraf	29:54.7
Mike Brennan	20:33.4	Edwin Haas	22:57.5	Neil Wade	25:06.4	Lisa Jansson	27:10.8	Swapna Mukherji	30:32.0
Joe Nasta	20:40.7	Vincent Racaniello	22:58.1	Jim Anselmini	25:13.3	Frank Marotta	27:15.7	Darcy Mallon	31:27.0
Roger Davis	20:53.1	John Shaw	23:01.5	Wendy Spaeth	25:16.3	Tammy Heinz	27:32.4	Luhong Wang	31:30.1
Ron Gill	21:03.8	Garry Hubbard	23:07.6	Kevin Fox	25:27.4	Richard Wagener	27:42.6	Darlene Sappo	31:50.9
Kevin Corbett	21:06.1	Werner Vogelsang	23:18.0	Robert Litzke	25:27.7	Ken Perkins	27:52.0	Hamid Tala	32:15.2
Tim Morrin	21:28.1	Jim Marron	23:24.4	Sheryl Carey	25:29.6	Michael Seidman	27:52.6	John Muller	32:47.7
Giuseppe Camarda	21:29.8	John Andrews	23:29.4	Kurt Vetter	25:33.9	Michael Cowell	27:53.9	Ping He	33:12.2
Wayne Rambo	21:38.2	Michael Sivertz	23:42.2	Bob Lee	25:45.7	Gary Schaun	28:04.5	Stephen Peristein	34:00.4
Dan Weiss	21:40.4	Yuke Tian	23:57.3	John Whitehouse	25:50.9	Ken Mohring	28:09.5	Alain Domingo	34:53.3
Al DellaPenna	21:48.0	Abolallah Naidta	24:00.3	Michael Villaran	25:58.8	Allan Corby	28:18.2	Haozhe Liu	37:45.0
John Bohenek	21:53.0	Barry Kariin	24:02.1	Juanita McKinney	25:59.6	Mow Lin	28:21.1	David Alburger	39:20.0
George Mahler	21:53.8	Elke Kossel	24:09.6	Lisa Zimmerman	26:01.9	Richard Alles	28:40.1	Phyllis Bates	39:23.0

Keep on Singing

Anyone interested in learning four-part carols set to music by, for example, Mozart and Fauré, will be warmly welcomed by the small group practicing under the direction of Sam Carr on Mondays at noon in Berkner Hall. Contact Liz Seubert, Ext. 2346 or lseubert@bnl.gov.

Ski Trips, 1/29, 2/26

Join BERA-sponsored ski trips to Camelback Mountain, Pennsylvania, on two Wednesdays, 1/29 and 2/26, at \$50 per person, including bus and lift ticket. Rent skis for an additional \$16, or snowboards for \$23. A first-time-skier package of \$60 covers bus, restricted lift ticket, equipment rental and a one-and-a-half hour lesson. See calendar, above right, for more details.

Buy tickets at the BERA Sales Office, weekdays, 9-3 p.m. Contact Andrea Dehler, Ext. 3347, or Bob Marascia, Ext. 7779.

Volunteers Needed For DOE Science Bowl

About 80 volunteers from the Lab community and outside are needed to serve as officials at BNL's regional Science Bowl competition, to be held on Saturday, February 1, at BNL's Science Education Center. For more information, contact Kevin Manning, Ext. 5536 or kmanning@bnl.gov, or see www.bnl.gov/scied/contests/sciencebowl/index.html.

Kayak Course

Learn to kayak! A comprehensive course will be offered at \$200 for six Sundays, beginning February 9, from 1-3 p.m. at the BNL Pool. Sign up immediately. On completing the course, participants will receive Red Cross kayak certification. For more information, call Head Lifeguard Susan Dwyer, Ext. 3496 or 3147, or Recreation Supervisor Christine Carter, Ext. 2873.

Safety Glass Office

The Safety Glass Office, Bldg. T88, is now open with Laurie Stone as dispenser. Business hours are: Wednesdays, 9 a.m.-3:30 p.m.

Softball Captains, 2/5

There will be a meeting for all softball captains at noon on Wednesday, February 5, in Berkner Hall, Room C. At least one representative from each team that plans to play this season must attend, and preliminary team rosters must be submitted. New teams wanting to join will be placed in the league determined by the board. Those who wish to run for the board or to nominate someone must attend the meeting. It is not necessary to be a captain to be on the board.

For more information, e-mail softball@bnl.gov.

Nominate BERA Board Candidates

Active BERA participants who wish to be on the BERA Nominating Committee are invited to submit their names to Christine Carter, BERA and Recreation Supervisor, Bldg. 179B. The nominating committee is being formed to select four candidates to run in the 2003 BERA Board elections scheduled for the last week in March.

Body Building Club

Bodybuilders of BNL: your annual membership fee of \$25 is due by January 31, payable by personal check to BERA Body Building Club. Include your life number, building, and phone numbers, and Lab e-mail address, and send by mail to Elliott Levitt, Bldg. 134A. Weight-room access will be denied until dues are paid. If you are interested in becoming a member, see www.bnl.gov/bera.

Calendar

(continued)

Wednesday, 1/22

Science Education Forum

Noon-1 p.m., Bldg. 438. All are welcome to join a discussion on interesting and timely issues in science education. Refreshments will be provided. Bring your own lunch. Brian Murfin, Ext. 7171.

Thursday, 1/23

Wyndham Wind Watch Hotel Demo

10 a.m.-2 p.m., Berkner Hall. A representative from Wyndham Wind Watch Hotels will be on site to talk about Wyndham's features and amenities and to answer BNLer's questions. There will also be a raffle for a Herman Miller - Aeron chair. For more information, visit www.wyndhamwindwatch.com.

Friday, 1/24

*EAP Outreach Program Lecture

Noon-1 p.m., Berkner Hall, Room B. Psychologist Peter Kanaris will present "The Road to Resilience." See page 2. Dianne Polowczyk, Ext. 2699.

Saturday, 1/25

Defensive Driving

9 a.m.-3:30 p.m., Berkner Hall, Room B. Open to BNL, BSA, & DOE employees, BNL facility users, guests, and their families. To register, send a check for \$26 per person, made out to Empire Safety Council, care of Scott Zambelli, P.O. Box 670, Mount Sinai, NY 11766. Include your telephone number. All checks must be received by 1/20. No refunds after 1/23.

— WEEK OF 1/27 —

Monday, 1/27

IBEW Meeting

6 p.m., Knights of Columbus Hall, Railroad Ave., Patchogue. A meeting for shift workers will be held at 3 p.m. in the union office. The agenda includes regular business, committee reports, and the president's report.

Wednesday, 1/29

BERA Ski Trip to Camelback

\$50 per person includes lift tickets and bus transportation to Camelback Mountain in Pennsylvania. For ski rental, add \$16; snowboard rental, \$23. First-time skier package of \$60 includes restricted lift ticket, equipment rental, and an hour-and-a-half lesson. Bus departs Brookhaven Center at 5:30 a.m., returns at about 8 p.m. Sign up at the BERA Sales Office in Berkner Hall weekdays, 9 a.m.-3 p.m. Andrea Dehler, Ext. 3347; Bob Marascia, Ext. 7779; or Christine Carter, Ext. 2873.

— WEEK OF 2/3 —

Wednesday, 2/5

Science Education Forum

Noon-1 p.m., Bldg. 438. See also notice 1/22. Brian Murfin, Ext. 7171.

Saturday, 2/8

Gospel Extravaganza

7 p.m., Berkner Hall. Concert sponsored by BNL's African-American Culture Club. See page 4.

— WEEK OF 2/10 —

Saturday, 2/15

Songwriters Make Music

8 p.m., Berkner Hall. Concert sponsored by the BNL Music Club and the East End Songwriters Guild. See page 4.

— WEEK OF 2/17 —

Wednesday, 2/19

Science Education Forum

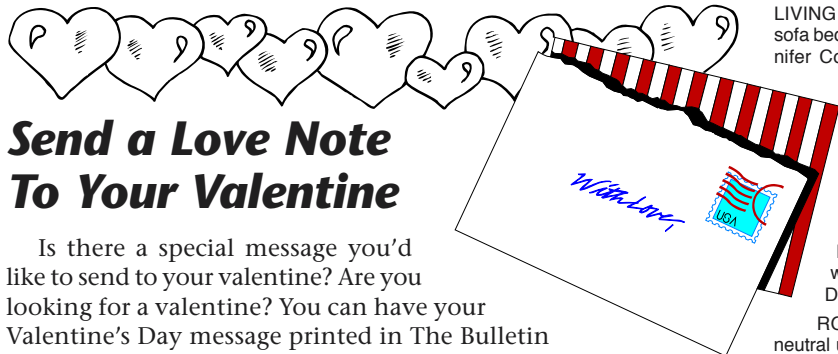
Noon-1 p.m., Bldg. 438. See 1/22. Brian Murfin, Ext. 7171.

Thursday, 2/20

BSA Distinguished Lecture

4 p.m., Berkner Hall. Author Carl Safina, Blue Ocean Institute president, will talk on "World Fisheries: Depletion and Renewal." All are welcome to attend this free public lecture.

Note: This calendar is updated continuously and will appear in the Bulletin whenever space permits. Submissions must be received by the preceding Friday at noon to appear in the following week's Bulletin. Enter information for each event in the order listed above (date, event name, description, and cost) and send it to bulletin@bnl.gov. Write "Bulletin Calendar" in the subject line.



Send a Love Note To Your Valentine

Is there a special message you'd like to send to your valentine? Are you looking for a valentine? You can have your Valentine's Day message printed in The Bulletin on February 14.

Send your 15-to-20 word "love note" to The Bulletin, Bldg. 134, by Monday, February 3. Use a Sales & Notices Bulletin classified ad form, but mark it "Valentine's Day." You must sign your name and include your life number and extension, but your name will not be printed unless it is clearly part of the message. Copy must be deemed tasteful. All "love notes" will be accepted at The Bulletin's discretion. Only one message per employee please.



Classified Advertisements

Placement Notices

The Lab's placement policy is to select the best-qualified candidate for an available position. Candidates are considered in the following order: (1) present employees within the department/division and/or appropriate bargaining unit, with preference for those within the immediate work group; (2) present employees within the Laboratory; and (3) outside applicants. In keeping with the Affirmative Action Plan, selections are made without regard to age, race, color, religion, national origin, sex, disability or veteran status. Each week, the Human Resources Division lists new placement notices, first, so employees may request consideration for themselves, and, second, for open recruitment. Because of the priority policy stated above, each listing does not necessarily represent an opportunity for all people. Except when operational needs require otherwise, positions will be open for one week after publication. For more information, contact the Employment Manager, Ext. 2882; call the JOBLINE, Ext. 7744 (344-7744), for a list of all job openings; use a TDD system to access job information by calling (631) 344-6018; or access current job openings on the World Wide Web at www.bnl.gov/HR/jobs/default.htm.

OPEN RECRUITMENT – Opportunities for Laboratory employees and outside candidates.

TB2602. TECHNICAL SPECIALIST (T-2) Requires a BSET degree or equivalent, a thorough understanding of analog and digital circuitry, and the ability to use standard test equipment and work from schematics and verbal instructions. Responsibilities will include testing, fabricating, maintaining, and repairing of high power RF systems at the NSLS. National Synchrotron Light Source Department.

TB2790. MEDICAL ASSOCIATE III (P-3 term appointment, reposting) - Requires a BS or BA degree in health-related profession plus three years' related experience. Experience in phlebotomy, monitoring EKG, blood pressure, and pulse, ordering supplies, lab work, and record keeping necessary. Must be highly organized in order to work rapidly within restricted time frame. Under broad assignment, performs research with radioactive tracers as part of the PET Imaging studies. Will assist in human subject recruitment, behavior evaluation, and primate research studies. Employment is contingent upon successful completion of a background check by Drug Enforcement Agency. Medical Department.

TB3380. SR. OFFICE SERVICES ASSISTANT/HOUSING OFFICE (CW-3) - Requires three years' relevant work experience, excellent customer service and communication skills, proficiency in MS Office applications such as Word and Excel, and the ability to work under pressure and perform multiple tasks. Responsibilities include inputting reservations into the housing management system, processing financial transactions, fielding maintenance requests, distributing custodial work and assisting with the training of newly hired staff. Staff Services Division.

TB2807. BIOLOGY ASSOCIATE IV (P-1 / term appointment) - Requires an MS or BS degree with two years of lab experience. Must have experience with DNA manipulation and protein ELISA immunochemical analysis. Responsibilities will involve assisting in the analysis of heavy metal transporter *in vivo* function by genetic and protein chemical approaches. Biology Department.

Motor Vehicles & Supplies

00 MERCURY GRAND MARQUIS - garage kept, showroom cond., am-fm cass., carriage top, alarm, 8,500 mi., \$14,000. Lou, 277-2671.

99 HYUNDAI ELANTRA - red, 4-dr. wagon, all power, 37K mi., \$5,500 obo., excel. cond. William, 929-3011.

97 HYUNDAI ACCENT - 5-sp., a/c, p/s, 106K mi., 10 CD changer, alarm, sunroof, excel. cond., \$2,500. Phil, Ext. 4584 or 821-1839.

95 MAZDA PICK-UP - ext. cab., 4-cyl., 5-sp., a/c, 115K mi., \$3,200. Dennis, 878-9592.

94 CHEVY CAMARO - red, 6-cyl., 5-sp., a/c, p/s, p/b, alloy wheels, Bose, 95,600 mi. Ext. 4834 or 807-9080.

94 DODGE CARAVAN - 3.0, V6, auto., a/c, am/fm cass., 60K orig. mi., runs very well, clean, \$4,000. Li, Ext. 7604.

94 PLYMOUTH GRAND VOYAGER - a/t, a/c, p/s, p/b, 140K mi., orig. own., tinted windows, v.g. cond., \$2,900. Mark, Ext. 3837 or 281-5060.

94 TOYOTA PREVIA - metallic silver, all power, v.g. cond., 126,500 mi., \$4,800. Donna, Ext. 2542 or 821-8435.

92 CHEVY CAPRICE - all power, 5.0 L., hi mileage, all records & receipts, car is immac., \$3,500. Ron, 804-8853.

91 HONDA CRX - high mi., runs well, inspection till Aug., moving, make offer. Ext. 2676.

89 TOYOTA COROLLA LE - gray, 5-sp., a/c, p/s, p/b, 4-dr., nice cond., very reliable, 165K mi., \$1,400. Steven, Ext. 7862.

81 VOLKSWAGON VANAGON - \$600. Dane, 748-0060.

DROP IN LINER - for '99 and up, 8' Chevy/GMC truck under the rail, almost new, \$75. Patty, 331-4336.

99 HYUNDAI ELANTRA - red, 4-dr. wagon, all power, 37K mi., \$5,500 obo., excel. cond. William, 929-3011.

97 HYUNDAI ACCENT - 5-sp., a/c, p/s, 106K mi., 10 CD changer, alarm, sunroof, excel. cond., \$2,500. Phil, Ext. 4584 or 821-1839.

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DROP IN LINER - for '99 and up, 8' Chevy/GMC truck under the rail, almost new, \$75. Patty, 331-4336.

Boat & Marine Supplies

32' ERICSON SLOOP - '85, autopilot harken furling GPS, VHS, depth, speed, compass, shower, stove, oven, frig., ice box, \$36,900. William, 475-7620.

BOAT WENCH - 12v, almost new, used on 16' boat, \$200. 924-6751.

FISHING ROD - fishing rod & reel, Penn 9/0 Senator reel & matching rod, big fish, mint cond., \$150. Annamarie, 878-8967.

MAINTENANCE CHARGER - guest battery pal maintenance charger, cost \$29/ea., ask. 2/\$20. Dennis, 878-0071.

Furnishings & Appliances

AIR CONDITIONER - portable, 8,300 Btu., \$70; small J.C. Penny microwave, \$15; lg. Sanyo microwave, \$25; small refrig., \$45. Maryann, 474-5409.

BABY GRAND PIANO - Welte-Mignon, w/padded bench. Linda, 331-4521.

BED - full size, good cond., \$25. Linda, Ext. 5567 or 281-2463.

BEDROOM SET & SOFA - girl's mica bedroom set, many pieces, good cond., \$450; leather queen-size sofa bed, \$650 obo. 821-7879 leave message.

CABINETS - oak, 8 w/4 drawers, 8' long section, dishwasher opening, 4' corner piece & st-steel sink, \$300; Whirlpool dishwasher, quiet, wash plus 4 cycles, gently used for 3 years, \$175. Mary, Ext. 6344.

COMPUTER DESK - excel. cond., \$20. Ext. 5080 or 751-1884.

DESK - chair, wood base, arms, frame, upholstered seat, leather back, large seat area, casters, \$50. 473-6546.

BED - double platform, 6 drawers, bookshelf headboard, almost new mattress, \$100 obo; loveseat/couch, good cond., \$125; air cleaner, \$85; Maryann, 474-5409.

END TABLE - shabby chic, 3-leg, half round, scalloped edge, painted white, \$25; framed prints, 4 watercolor prints of Singapore scenes, ivory enamel frames, 5x7, \$27/set. Karen, Ext. 4262.

LIGHT FIXTURE - ceiling, 4 fluorescent bulbs, like-new cond., \$25 obo. Betty, Ext. 3562 or 758-2653.

LIVING ROOM FURNITURE - queen-size sofa bed & matching chaise chair from Jennifer Convertible, \$600; Lane double recliner, \$300. Donna, Ext. 2826.

MICROWAVE - Sanyo EM - P415, like new, \$35. Mario, Ext. 5124 or 744-3879.

MICROWAVE OVEN - 700 watt, Panasonic NE-9970, \$50 obo. Christie, Ext. 4916.

MICROWAVE - Sharp Carousel, white, lg. capacity, used 3 mo., \$75. Donna, Ext. 2542 or 821-8435.

ROCKER RECLINER LOVESEAT - neutral upholstery, excel. cond., cost \$800, ask. \$295. Frank, Ext. 2022 or 586-0779.

SOFA - Flexsteel, 87" sofa, tropical print, v.g. cond., comfortable, picture avail., \$150. Nancy, Ext. 5744 or 929-4440.

WALL MIRRORS - 2-piece wall mirror & shelf set; '03 Americana calendar, Image of Hope statue of 9/11. Ext. 2457.

Tools, House & Garden

GENERATOR - 4,000 watt, portable Niagara, \$300. Pat, 744-8512.

HEATER - Delongi, oil-filled 600, 900, 1500 watts, used 1 year, cost \$65, ask. \$25.

INTERNATIONAL CUB CADET TRACTOR - w/snow plow, \$375. Kevin, 281-8031 eves.

OIL BURNER VACUUM - vacuum, oil burner, Mastercraft commercial model 641M on Catsor dolly, assorted cleaning brushes & bags, mint, \$225. Annamarie, 878-8967.

SCROLL SAW - Delta, variable speed, like new, \$150; band saw, Craftsman, 12" throat, 1 1/2 h.p. motor, \$75; table saw, on casters, 3 h.p. 220 vac motor, \$150. 289-1750.

STOVE - air tight, wood burning, 30" deep, brick lined, excel. cond., \$225. 589-5980.

WOOD LATHE - Dewalt 12", v.g. cond., no motor, \$80. Brownie, Ext. 4028.

Sports, Hobbies & Pets

ANIMAL CAGE - lg. 2'x3'x4', excel. cond., \$50. Ady, Ext. 4531 or 331-3785.

CAMERA - N90S, w/vertical grip battery pack, mint cond. \$575. Joe, Ext. 2384.

LECLERC FLOOR LOOM - 4 pedals, w/ bench, all tools & supplies, books & weaving mag., many skeins of yarn. Linda, 331-4521.

OMEGA D-2 ENLARGER - \$125. Dennis, 878-0071.

PSALTERY - musical instrument, lg., a piece of furniture, strung like a hammered dulcimer, but meant to be played by plucking. Cindy, 874-3652.

SKIS - 3 pairs, Rossignol w/bindings, poles, different lengths, all excel. cond., boots also avail., \$50 - \$75. Peter, Ext. 2913.

SKIS - women's 26-26.5 shaped skis, decent condition. Betty, Ext. 3562 or 758-2653.

SKI EQUIPMENT - ski boots, Dalbello, size 6, \$50; Boeri Helmet, youth, 53-54 cm., \$35; skis, Elan 150 cm, Olin 800L 170 cm, Rossignol Excell Junior 130 cm, all Solomon Bindings, boots, men's 9, 10, \$15/ea. Denise, Ext. 5055 or 929-7225.

SKI MACHINE - Tony Little Cross Country ski machine, cost \$150, ask. \$75, like new. Ext. 3834.

TANK - 55 gal. aquarium, tank, iron stand, \$50 obo. Maurice, Ext. 2159 or 331-7048.

TENT - canvas, 4-person, \$75. Wayne, 924-0002.

WEIGHT BAG SYSTEM - hangs, steel frame tripod system, lightly used, bag included, \$150 firm. Search Cornerman at www.centuryfitness.com. Susan, Ext. 7264.

Audio, Video & Computers

CD WRITER - external, Sony Sprezza USB plus CRX100E, 4x/4x/6x, \$50. Gianluigi, Ext. 5336 or 360-2775.

COMPUTER - HP Pavilion 8160, 233 MHz, monitor, modem. Wayne, Ext. 2284.

DVD PLAYER - JVC, brand new XV-S500BK in -box, progressive scan, DTS, component video, DVDR/W, CD, MP3, VCD, SVCD, XSVCD, PictureCD, all, \$140. Gene, Ext. 7953.

DIGITAL CAMERA - Sony Cybershot DSC-F505, 2.1 MPXL, Zeiss, all accessories, case, \$50. Gianluigi, Ext. 5336 or 360-2775.

PRINTER - Epson Stylus Color printer 740 w/manual, excel. cond., cost \$286, ask. \$95. 348-7199.

Miscellaneous

BABY'S ITEMS - Exersaucer, boopy pillow, mobile, clothes, etc. John, Ext. 4028.

CELLULAR PHONE - ATT free2go Nokia, prepaid service, still activated, like new. Marco, Ext. 2110 or 766-6499.

GAMEBOY - Nintendo color, incl. Tony Hawk Proskater game and case, \$25. Ext. 7009.

LASER POINTERS - red, compact keychain, batt. incl., \$5/ea. Thomas, Ext. 2225.

MICKEY MOUSE CLOCKS - old fashioned alarm clock, clock w/Mickey figurine, Minnie Mouse on face, \$75 for all three, or make an offer; music box, Minnie & Mickey in a car music box, \$20. Cheryl, Ext. 2272 or 732-7634.

TICKETS - 2 to India Aire concert, 1/17, 8 p.m., Radio City Music Hall, \$100/both. Tom, Ext. 8627 or 331-3286.



Music, Music, Music!

Over the coming weeks, the Lab community and neighbors are invited to enjoy these public concerts at BNL in Berkner Hall. Tickets may be purchased in advance at the BERA Sales Office, (631) 344-3347, Berkner Hall, weekdays, 9 a.m.-3 p.m.

February 8, 7 p.m.

Gospel Extravaganza

The African-American Culture Club will present a Gospel Extravaganza featuring the Shekinah Choir, the BNL Gospel Choir, Shana Sneed, the Heavenly Home Boys, and Divine Expression. Admission: in advance, adults, \$12, children under 12, \$6; at the door, adults, \$15. Refreshments will be served. On the date of the performance, obtain information at (631) 344-3547 after 4 p.m.

February 15, 8 p.m.

Songwriters Make Music

The BNL Music Club and the East End Songwriters Guild presents the first of a "Songwriters Series," open to the public. This event will begin with a "Songwriters In-The-Round" workshop followed by a concert featuring singer-songwriters Cathy Kreger and Terry Winchell. Admission: \$10 in advance, \$12 at the door. For more information, see www.bnl.gov/bera/activities/music/.

March 1, 8 p.m.

Kerry Kearney Band, Guests In 'The Gathering of the Slides'

The BNL Music Club and the Long Island Blues Society will present Kerry Kearney's Band in "The Gathering of the Slides." Michael Falzarano, Kane Daly, Little Toby Walker, and Amy Helm will be featured as special guests. Showstopper Kearney is known as a master of open tuning slide guitar, and he will perform with his four-piece band: Eileen "Little Steamroller" Murphy on drums, Frank Celenza on bass, Tony Campo on keyboards, and Charlie Wolf on harp. Admission: \$10 in advance, \$12 at the door. For more information, see www.bnl.gov/bera/activities/music/.

TUITION WAIVER - Dowling College tuition waiver, good for three under graduate credits. ask. \$850. Tom, Ext. 5897.

Free

CAR REMOVAL - junk cars, trucks, motorcycles, alum. boats, removed free. Rich, Ext. 4201 or 589-9103.

CHRISTMAS LIGHTS - 2 strings, about 35 lights/ea., indoor/outdoor, all work. Chris, Ext. 2593.

HAMSTERS - great gift for kids. Costas, Ext. 6235.

MONITOR - 17 in. Hitachi Superscan Elite, needs repair. 473-6546.

T.V. - NEC 25" color, needs repair; oak console, 42"x18"x22", looks good, you pick up. Don, 286-1396.

Wanted

BAND SAW - table saw, vacuum system, old & used ok. Jim, Ext. 4843 or 567-6227.

CARETAKER - part-time, for elderly woman with Parkinson's Disease, light housekeeping, Moriches condo. Anita, 874-3606.

CLERICAL WORK - HS senior seeking light clerical work weeknights, weekends, fast typist, computer software, proficient, has vehicle. Monica, 878-6204.

HOUSE HELP - Wading River area, cleaning, child care & more, experience w/infants a plus. 929-0163.

HOUSE RADIATORS - old fashioned house radiators needed for home restoration. Don, 581-7656.

IMPACT PRINTER - need a dot matrix printer, prefer Epson FX. Andrew, Ext. 7014.

JAPANESE SPEAKER - to help HS student studying Japanese, prefer a native, no teaching experience needed, HS age okay. Cindy, 874-3652.

MACHINE SHOP EQUIPMENT - metal lathe and milling machine, used, good working cond. Gerry, Ext. 5233.

MOTORCYCLES - bent or broken, any age or condition. Kevin, 281-8031.

PEOPLE - interested in New Orleans cajun cooking classes at local restaurant, one Tuesday/mo. The first class will be Jan. 21. Rosalie, Ext. 3160 or 289-5704.

RESEARCH VOLUNTEERS - healthy non-smoking men and women, ages 18 and over, are needed for MRI study. Strictly confidential, fee provided. 344-2773.

SKIERS - to ski at Belleayre, 2/5/03, \$43 for bus & lift, send payment to Augie Hoffman, Bldg. 510A. Augie, 325-1907.

SKI BOOTS - women's ski boots, size 9 1/2 in good to excel. cond. Betty, Ext. 3562 or 758-2653.

SUGGESTIONS - for BERA-sponsored events & trips. Christine Carter, Ext. 5090.

TRACTOR - used, w/bucket & back hoe, runs or fixable, reasonable price. 878-1178.

TRAINS - Lionel, American Flyer & others, cast metal toys, high cash paid, also have some sets for sale. Bruce, 924-4097.

T.V. - 20" or larger, for play station. Bill, Ext. 2906 or 929-6189.

In Appreciation

Thank all of you for the kind words, prayers, and gifts during this most sad time — the passing of my mother. — Sue Foster (EM)

The winter coat drive was a great success. A few hundred coats were collected and distributed to local agencies such as: L.I. Council of Churches, the Island Inn, the Ministries and the Bellport/Hagerman/E. Patchogue Alliance. Many thanks to all. — Toni Hoffmann

Happenings

CELIAC LUNCH GROUP - meeting weekly for sharing info., support, recipes, area events and gluten-free food. Michael, Ext. 8612.

RAFTING TRIP - BERA, Gauley River, last weekend in Sept., \$50 deposit, bus trip for a weekend. For info, contact W. Hughes, Ext. 4180.

No Bulletin

In observance of Martin Luther King Jr. Day, the Lab will be closed next Monday, January 20. As a result, there will be no Bulletin printed on Friday, January 24.

A full list of Services provided by BNLers, which includes listings for such services as auto detailing, baby-sitting, boat hauling, brickwork, dentistry, genealogy research, home improvement, house cleaning, income tax preparation, painting, pet sitting, and many more, is available on the Web at www.bnl.gov/bnlweb/pubaf/bulletin/services.htm, or contact Tiffany Minter, Ext. 2345 or minter@bnl.gov