



Linda Chang

Brookhaven Town Honors BNL's Chang, Bogosian

Two BNL employees — Margaret Bogosian and Linda Chang — were among ten women honored for their accomplishments and contributions to Brookhaven Town at the town-sponsored Women's Recognition Night on March 21, held in observance of National Women's History Month. Bogosian was recognized for her contributions to law, while Chang was honored for her contributions to science.

Linda Chang

Linda Chang is Chair of BNL's Medical Department, but is currently on sabbatical to pursue her research. In Medical, which has a staff of about 60, research includes the effects of addiction, aging, and HIV on the brain, and of radiation on the neural system. Chang performs clinical research to determine how the brain is affected by HIV infection, especially in those who use stimulant drugs, such as cocaine. She uses magnetic (continued on page 2)

Margaret Bogosian

As Manager of BNL's Office of Intellectual Property and Industrial Partnerships, Bogosian is responsible for fostering commercialization of BNL-developed technologies by patenting and licensing them to industry. Successful examples include a red-blood-cell-labeling kit, which is currently being used worldwide in over two million medical procedures each year, and an asbestos-digesting foam, which transforms asbestos fibers (continued on page 2)



Margaret Bogosian

Highlights From the March 2002 American Physical Society Meeting

The stories below describe five of more than 50 scientific presentations given by BNL scientists this week at the American Physical Society (APS) March meeting in Indianapolis, Indiana. Find more information about this APS meeting at: <http://www.aps.org/meet/MAR02>. For more detailed versions of these stories, go to : www.bnl.gov.

New Spin on High-Temperature Superconductors

Understanding what holds electron pairs together in high-temperature (high- T_c) superconductors is one of the biggest problems in condensed matter physics, says BNL physicist Peter Johnson, who is searching for the explanation.

Like traditional superconductors, high- T_c superconductors can carry electrical current with no resistance, or loss. But high- T_c superconductors operate at temperatures where liquid nitrogen, rather than expensive liquid helium, can do the cooling. This would decrease the cost of and increase potential applications for superconducting materials. But the first step is to understand the mechanism.

Johnson's National Synchrotron Light Source (NSLS) research indicates that electron "spin" plays an important role. Rather than exchanging vibrations with the crystal lattice (the mechanism for electron pairing in traditional superconductors), electron pairs in high- T_c materials interact by affecting the spin of atoms in the lattice. Understanding the role of spin has the potential to revolutionize ideas about the transfer of electrical current, Johnson says.



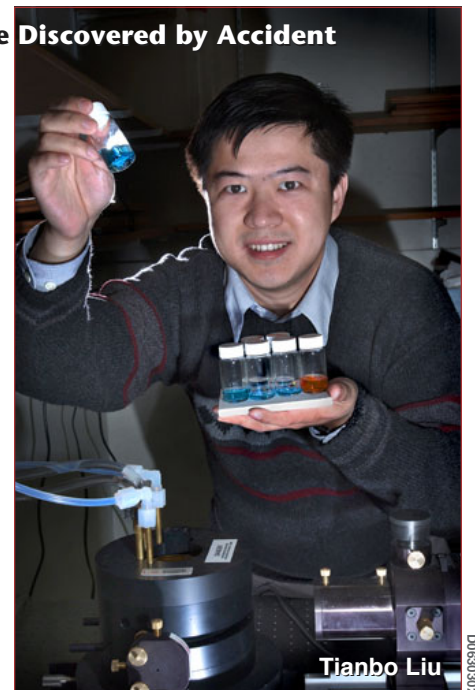
Peter Johnson

Giant Nanomolecule Discovered by Accident

"Giant nanomolecules" may sound like an oxymoron, but these relatively large inorganic structures may provide big benefits for nanoscience, says BNL physicist Tianbo Liu. Measuring 5.1 billionths of a meter in diameter and covered with large pores, the spherical, cage-like molecules may be useful as "containers" for studying chemical reactions at the nanoscale. The molecules are themselves magnetically active and can be used to create even stronger magnetic materials by loading other compounds inside. One possible application: contrast agents in magnetic resonance imaging.

Liu and his collaborators discovered the giant nanomolecules at the NSLS and using transmission electron microscopy. The particles' orderly arrangement tipped the scientists off that they were seeing something unique: nanoparticles with a uniform size. Ordinary nanoparticles vary in size. But these particles are molecules, with a definite molecular structure, so they are made the exact same way every time. Having one-size particles is an advantage

when studying and finding applications for nanoscale properties, which are generally dependent on particle size, says Liu.

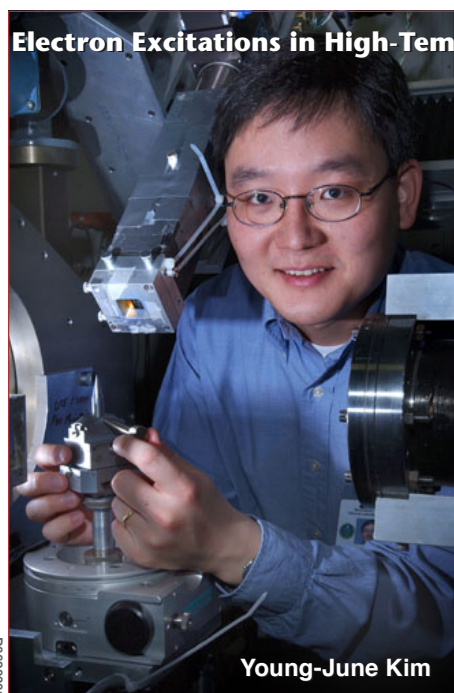


Tianbo Liu

Electron Excitations in High-Temperature Superconductors

BNL physicist Young-June Kim studies the collective behavior of electrons in materials closely related to high- T_c superconductors. He uses resonant inelastic x-ray scattering (RIXS), a technique developed at the NSLS, to understand how electrons are moving around in the system. By comparing the energy of x-rays beamed into a sample and those coming out, this sensitive technique measures how much energy is transferred to the electrons in the material.

The absorbed energy can result in several excitations, which can be distinguished by RIXS. Kim is using the technique to study lanthanum copper oxide, an insulating material, and looking at how the excitations change as the material is transformed to a high- T_c superconductor by gradually substituting strontium atoms for lanthanum atoms. With improved sensitivity, the technique may help reveal the mechanisms behind high- T_c superconductivity.

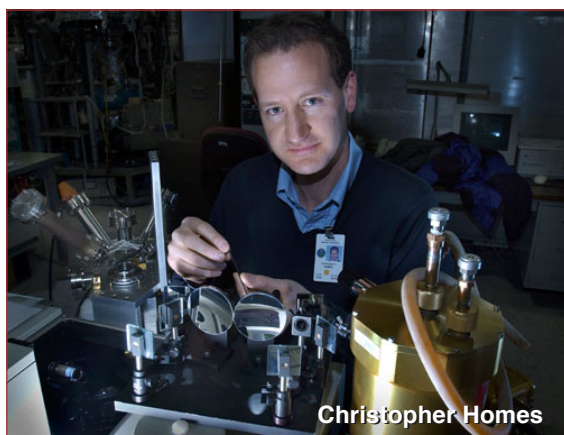


Young-June Kim

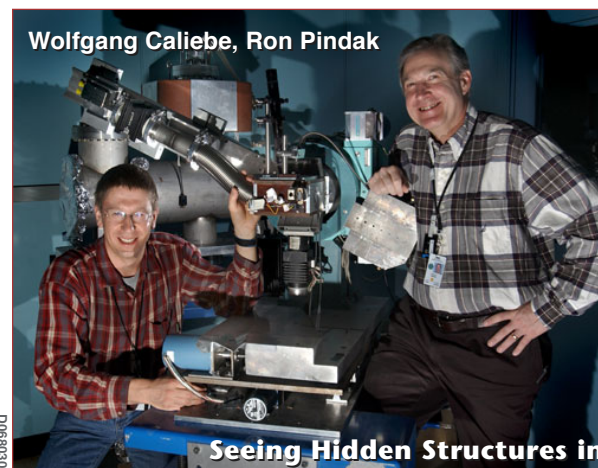
Material with Unusual Electrical Properties Holds Up to Scrutiny

An unusual material with an extremely high dielectric constant, which may have applications in high-performance capacitors and miniaturized electronics, first described last July by BNL physicist Christopher Homes (see: <http://www.bnl.gov/bnlweb/pubaf/pr/2001/bnlpr072601.htm>), has stood up to further scrutiny. The material's enormous dielectric constant — a property that determines its ability to separate positive and negative electrical charges, or become polarized — is apparent even in thin films of the material, which are the form necessary for applications in microelectronics.

The scientists are now studying how the material changes as the chemical composition is altered. This will allow them to separate intrinsic from extrinsic effects and to zero in on the mechanism responsible for the large dielectric constant, Homes says.



Christopher Homes



Wolfgang Caliebe, Ron Pindak

Seeing Hidden Structures in Liquid Crystals

Liquid crystals, the materials used in laptop computer screen displays, optical networking devices, and other applications, are composed of rod-shaped molecules with the ability to change their orientation (the direction in which they "point") in response to an electric field. In many cases, these oriented molecules also form layers. The arrangements of these layers and orientations of molecules within them determine the materials' optical properties, says BNL physicist Ron Pindak.

Until now, some of the structural details of liquid crystals have been "hidden." Conventional x-ray scattering can detect the layers, but not the orientation of individual molecules within the layers. Moreover, often the orientation changes over very short distances, making it invisible to an optical microscope. But Pindak's "resonant polarized x-ray diffraction" experiments at the NSLS are starting to reveal these hidden structural details. Understanding these details will allow improved design of liquid crystal materials, possibly leading to higher-definition video displays or faster optical conditioning devices.

— Karen McNulty Walsh

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 M. Kay Dellimore, 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 —

Mondays: BNL Gospel Choir

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

Mon., Tues., & Thurs.: Aqua Aerobics

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

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., Tues., & Fri.: Tai Chi

Noon- 12:45 p.m., Rec. Bldg. Scott Bradley, Ext. 5745, bradley@bnl.gov.

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 Mimi Luccio, 821-1435.

Tuesdays: Toastmasters

Meetings are 1st and 3rd Tuesday of each month at 5:30 p.m. in Bldg. 463, Room 160. Guests, visitors always welcome. www.bnl.gov/bera/activities/toastmstrs/default.htm.

Tuesdays & Thursdays: Aerobics

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

Mon. through Fri.: English for Speakers of Other Languages Classes

Various times. Rec. Bldg., 2nd Floor. Learn English, Make friends. Jen Lynch, Ext. 4894.

Wednesdays: On-Site Play Group

9:30-11:30 a.m., Rec. Bldg. Parents meet while children play. Monique de la Beij, 399-7656.

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., Rec. Bldg. Free. Ila Campbell, Ext. 2206.

Wednesdays: Stretch

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

Wednesdays: BNL Ballroom, Latin & Swing Dance Club Lessons

6-9 p.m. North Ballroom, Brookhaven Center. Marsha Belford, belford@bnl.gov or Ext. 5053, or www.bnl.gov/bera/activities/dance.

Thursdays: Falun Dafa Class

noon-1 p.m., Free. Rec. Bldg. Falun Dafa refines the body and mind through exercises, meditation. www.falundafa.org.

Fridays: BNL Social & Cultural Club

7-11:30 p.m., Brookhaven Ctr., dance social. Rudy Alforque, Ext. 4733, rudy@bnl.gov.

March Is Women's History Month

— NEXT WEEK —

Monday, 3/25

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.

Tuesday, 3/26

***EAP Outreach Program**

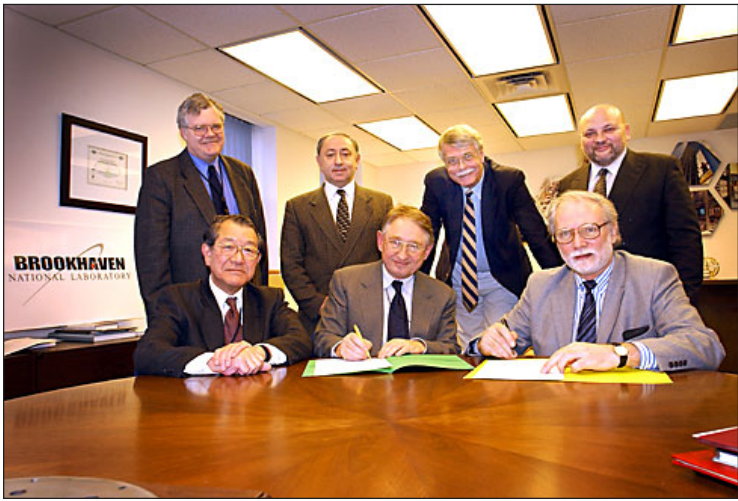
Noon-1 p.m., Berkner Hall. Psychologist Ann Kane will present "Psychoneuro-immunology and the Use of Guided Imagery" Check your mailbox for registration forms. Diane Polowczyk, Ext. 2699, or polowczyk@bnl.gov.

Sunday, 3/31

***Easter Egg Hunt**

11 a.m. in the Rec. Bldg. Each child should bring 15 plastic eggs filled with candy. (No hard candy.) There will also be crafts and a piñata. Participants are asked to bring a dessert to share. Monique de la Beij, 399-7656.

BNL, JINR Sign Inter-Laboratory Agreement
Paul, Ozaki, Hallman Receive Honorary Degrees



Roger Stollenburgh 00430302

In recognition of the success of their collaborative efforts in high-energy and nuclear physics and science education, and as a pledge to continue such collaboration in the coming year, Interim Laboratory Director Peter Paul (seated, center) and Vladimir Kadyshesky, Director of the Joint Institute for Nuclear Research (JINR) in Dubna, Russia (seated, right), signed an Inter-laboratory Collaborative Agreement on February 4. Thomas Kirk, BNL's Associate Laboratory Director for High-Energy & Nuclear Physics (standing, second from right), and Alexei Sissakian, JINR's Vice-Director (standing, second from left) signed the document as well. At the ceremony, Kadyshesky also presented an honorary doctorate from JINR to BNL's Satoshi Ozaki, Director's Office (seated, left), "in recognition of his outstanding contribution to the advancement of priority fields of science and technology and to education of scientists." Honorary doctorates in high-energy physics from Dubna International University of Nature, Society, and Man were also presented to STAR collaboration spokesman Timothy Hallman, Physics Department (standing, left), and Peter Paul. Also attending was Yuri Panebratsev, Division Leader of JINR's Laboratory for High Energy (standing, right).

— Karen McNulty Walsh

Brookhaven Town Honors Chang (cont'd.)

resonance imaging to study the effects of drugs in the brain. The knowledge derived from this research may help guide future treatment and prevention efforts.

"I am honored to be recognized by Brookhaven Town," said Chang. "I hope that my research will one day help the people of the town and the nation."

Board-certified in both neurology and electrophysiology, Chang earned a B.S. in biochemistry at the University of Maryland in 1981, an M.S. in physiology and biophysics at Georgetown University in 1982, and an M.D. at Georgetown University School of Medicine in 1986. She served her internship in internal medicine at the University of Southern California Medical Center, and her residency in neurology at the University of California, Los Angeles (UCLA) Medical Center.

From 1981 to 1983, Chang was a chemist and research assistant at the National Institutes of Health. At UCLA in 1991, she became a clinical instructor and research associate, eventually serving as associate professor of neurology. She joined BNL as Medical Department Chair in September 2000.

Chang is the recipient of several awards, including the 1998 Richard E. Weitzman Award in Biochemical Research given by Harbor-UCLA Medical Center. In 2001, she became a board member of the International Society of Magnetic Resonance in Medicine, an honor given to only one clinician from North America each year.

— Diane Greenberg

Brookhaven Town Honors Bogosian (cont'd.)

into harmless materials while retaining their fire-retardant and insulating properties.

Bogosian is in charge of negotiating the contracts that cover BNL scientists' work-for-others research and the Cooperative Research & Development Agreements, known as CRADAs, which promote the transfer of scientific expertise and technology from BNL to industry.

In addition, her office puts in place the contracts covering the use of the Lab's unique user facilities, such as the National Synchrotron Light Source, which are used by as many as 4,000 guest researchers from around the world each year.

Bogosian is also Chair of BNL's Institutional Review Board (IRB), which oversees the Lab's medical research involving human subjects. In this capacity, she is responsible for ensuring the rights and welfare of people who volunteer for studies at BNL. Bogosian has been a leader in making BNL's IRB among the most proactive in the nation. "My work is both challenging and rewarding for me, and I am both privileged and pleased to be recognized for it by Brookhaven Town," said Bogosian.

After earning her law degree from Fordham University in 1967, Bogosian became assistant to the patent counsel at the National Institutes of Health, a position she held from 1967 to 1969. She worked for Hoffmann-LaRoche, Inc., initially as patent attorney and then as general attorney, from 1969 to 1976. In 1978, Bogosian became legal counsel for the Research Foundation of the City University of New York. She joined BNL as patent counsel in 1981, becoming Deputy Manager of BNL's Office of Intellectual Property & Industrial Partnerships in 1991 and Manager in 1995.

— Diane Greenberg

In Memoriam

John Sullivan, who had joined BNL on September 15, 1958, as an electrician B, and, after serving 33 years, had left on long-term disability as a technical project supervisor on November 25, 1991, died on January 12, 2001. He was 67.

Valborg Segerdahl, who had joined the Accelerator Department on August 1, 1955, as a technician A, and had retired as a technical specialist 3 on December 31, 1966, died on January 27, 2001. He was 99.

Philander Miller, who had joined BNL as a janitor in the Plant Engineering Division on December 5, 1960, died at age 80 on February 6, 2001. After rising to Custodial Services Supervisor in 1984, he had retired on December 31, 1986.

Mabel Gondola, who had joined the Medical Department as a registered nurse on October 5, 1959, died at the age of 97 on August 7, 2001. She had retired from Medical on February 28, 1969.

Environment, Safety & Health

BNLers Are Urged to Resolve Concerns

All BNL employees, facility users, contract workers, and guests have an obligation to comply with the Lab's regulations on environment, safety, and health (ES&H). All are also required to report any unsafe conditions within the workplace that may threaten their physical well-being or violate ES&H or other relevant standards.

These responsibilities are described in the Employee Guide, given upon arrival to all employees who receive benefits. The information is also contained in a four-page fact sheet: BNL Summary, A Brief Overview of BNL Policies, which is distributed to all other workers and guests when they arrive.

Avenues for reporting ES&H concerns are summarized as follows:

- Alert your line management.
- Report to the department or division's ES&H coordinator or facilities support representative.
- Those covered by a labor agreement may address ES&H concerns through the labor-grievance process.
- If you still believe a condition or practice violates BNL's standards, contact the Employee Concerns Manager, Susan Foster, Ext. 2888. If requested, Foster will make every effort to handle an investigation confidentially. To identify the problem, the individual reporting it fills out the Employee Concerns Reporting Form. Foster then notifies BNL's Deputy Director for Operations, who initiates an investigation. Once the complaint has been resolved, Foster responds to the individual who filed it. Foster's office also helps employees wishing to report cases of waste, fraud, or abuse.
- If all other avenues have proved unsatisfactory, the concerned individual may call DOE's Brookhaven Area Office, Bldg. 464, Ext. 4363.

EAP Outreach Workshop, 3/26

"Psychoneuroimmunology and the Use of Guided Imagery"

Next Tuesday, March 26, clinical psychologist Ann Kane will present a talk at noon in Berkner Hall sponsored by the Employee Assistance Program. During her talk, "Psychoneuroimmunology and the Use of Guided Imagery," Kane will discuss an interactive body-communication system and its applications in mind-body medicine. She will describe how thoughts and feelings affect immune system function and will give a brief history of guided imagery as a form of mind-body medicine.

Kane is a clinical psychologist and psychoanalyst with more than 23 years of experience, working with highly diverse populations including the dying, the bereaved, and those struggling with illness. She has taught and lectured on grief, alternative medicine, and spirituality.

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

Rad Control Tech Trainee Program
Informational Meeting, 3/26

At 5 p.m. on Tuesday, March 26, in Berkner Hall, Room A, an informational meeting will be held on a new, entry-level program designed to train individuals to work as radiological control technicians.

Participants in the Radiation Control Technician Trainee Program will gain skills and knowledge required to perform radiological surveys, evaluate areas for the presence of radiation and radioactive material, evaluate material and personnel for release to uncontrolled areas, protect personnel working in an area where radiation and radioactive materials are present, and respond to radiological emergencies.

The training program will take three years — six months in the classroom and two years and six months on the job getting practical experience. For more information, contact Gordon Rawn, Ext. 7095, or Rosa Palmore, Ext. 2703.

Human Resources Offers Career Development Program

Lab employees who are interested in getting more out of their present careers, moving within the BNL organization, or considering a career change have a new opportunity at hand — BNL's Career Development Program.

Offered by the Human Resources Division's Staff Development Group, this comprehensive program includes a one-day class, work outside the classroom, and individual career counseling with Senior Staff Development Specialist Cathleen Wehrmann.

Wehrmann explains that participants begin by enrolling in the one-day course, "Managing Your Career With Power."

Before attending the class, participants complete a series of self-assessment exercises. During the course, they learn how to interpret their self-assessments and develop a career profile. The course also gives an overview of career management skills.

"Some people have different priorities when it comes to exploring and identifying career goals, so each participant is guided at his or her own pace," Wehrmann says. "Once they have defined their career goals, the participants will complete



Cathleen Wehrmann

and implement their own plan with the help of one of HR's career professionals.

"Career development can make a great difference in how much people enjoy their work," Wehrmann continues. "There are many unique opportunities around, but no one is going to hand one to you. Career development includes research, networking, and interviewing skills to find out about what and where the different jobs are. The best way to find out how to qualify for a job at a higher level or in a different field is to get advice from those who are doing it. The new career development course is designed to give

employees the initial help to get started."

Wehrmann adds an important word of caution: "Even if you identify your goals, make a plan, and improve your qualifications for a different position, there's no guarantee of success."

"However, anyone who goes through the process will generally get satisfaction from a better understanding of themselves and their options. And, even if you don't get the first opening

you aim for, you may be able to make your present job more satisfying, as well as be better prepared for opportunities down the road." (See accompanying story below.)

The next career development course with places available is scheduled for May 8, from 9 a.m. to 4:30 p.m. For more information, go to www.bnl.gov/HR/staffdev/staffdev.htm or contact Wehrmann at wehrmann@bnl.gov. — Liz Seubert

Career Development Success



Donna Dowling, now the Human Resources Division's Labor Relations Manager, discusses a job with the Collider-Accelerator Department's John Benante (left) and Gary McIntyre.

One example of a success story resulting from BNL's career development initiative was announced in September 2001, when Human Resources (HR) Division Manager Bill Hempfling named Donna Dowling of the HR Division as BNL's Labor Relations Manager, effective October 1, 2001. In this position, Dowling is responsible for interacting with the three on-site labor unions and manages BNL's disciplinary program. She also works with the Occupational Medicine Clinic regarding the Lab's alcohol and substance-abuse program.

Before being named to this position, Dowling had worked in HR's Employment Group since joining the Lab in 1982. One of her responsibilities was to recruit BNL's bargaining-unit employees.

"I became interested in labor relations, so I decided to work toward a career move in that direction," explains Dowling.

With help from a pilot course organized in fall 2000 by the Staff Development Group (see story above), Dowling identified her goals and started working toward attaining them: She took a series of courses to complete a Cornell University certification in labor relations studies, as well as other courses in the field. She also spent many extracurricular hours in studying BNL's history and interpretation of labor agreements.

"I found this study interesting and satisfying," Dowling said. "It was hard work, but I hoped to use the results to move into a more specialized and responsible position."

When Hempfling became Acting HR Manager, then Manager, he left vacant the position of Labor Relations Manager. As a result of her participation, backed by her developing qualifications, Dowling proved to be the best qualified candidate for the job.

Said Dowling, "I was lucky in getting into my chosen field so quickly. Even if it takes longer, though, it's worth thinking about where you want to be in your career and taking the necessary steps to get there. BNL's career development program is a good place to start." — Liz Seubert

Make Plans Now for 2002 BERA Spring, Summer Events

The following BERA-sponsored events are open to all BNL employees, retirees, facility-users, visitors, and their immediate families. Buy tickets on weekdays, 9 a.m.-3 p.m. at the BERA Sales Office in Berkner Hall. Tickets are sold first-come, first-served. All departures are from the Brookhaven Center promptly at the times listed below. For more information, call Andrea Dehler, Ext. 3347, or M. Kay Dellimore, Ext. 2873.

Long Island Ducks Tickets



\$10 per ticket, nonrefundable. Tickets will be sold in pairs only with a limit of four tickets per person. The seats are in the second level, row J, seats 7-10. The first game is on Friday, May 3.

Atlantic City Bus Trip, 5/11

\$24 per person, age 18 or older only. Coin return to be announced. The coach bus will depart the Brookhaven Center at 8 a.m. for the Showboat Hotel and Casino on the Atlantic City Boardwalk, and will return at approximately 11 p.m. On the bus will be movies, games, and free rolls or donuts. Bring beverages.

Spirit Dinner Cruise, 7/3

\$89 per person. Join BERA on Wednesday, July 3, to celebrate Independence Day. Sail around on a luxury yacht past the Statue of Liberty, Ellis Island, and views of Manhattan. Round-trip bus transportation from BNL, a hot and cold buffet dinner, live music, and entertainment will be provided. This event is open to all 12 years of age and older.

New York Yankee Baseball Game, 8/9



\$55 per person, includes ticket and bus transportation. BERA visits Yankee Stadium on Friday, August 9, to see the New York Yankees play the Oakland Athletics. The bus will leave at 4 p.m. from the Brookhaven Center, returning at approximately 11:30 p.m.

Arrivals & Departures

Arrivals

Matej Komelj CDIC
Conrad Smith Jr. Plant Eng.
Evelyn Silverman Staff Services
Sung Yang Chemistry

Departures

Weiquan Lin Medical
Dolores O'Connor. CEGPA
Ioannis Papaphilippou C-A

Softball Meeting, 4/3

All softball team captains will meet on Wednesday, April 3, at noon in Berkner Hall, Room A. Fees will be collected and schedules distributed. To join a team, e-mail softball@bnl.gov.

Easter Egg Hunt, 3/31

The Hospitality Committee invites all BNLeers to the annual Egg Hunt on Easter Sunday, March 31, at 11 a.m. in the Recreation Building located in the apartment area.

Each child should bring 15 plastic eggs filled with soft candy.

In addition to hunting for eggs, participants will have the chance to make crafts and hit a piñata. Parents are asked to bring a dessert to share. For more information, contact Monique de la Beij, 399-7656.



Spreekt U Nederlands? Habla Español? Do You Speak English?

你會不會講中國話

Do you want to learn another language? The Language Interchange Program (LIP), a newly formed free service sponsored by the English for Speakers of Other Languages program, offers an opportunity to learn a language through conversation with a native speaker.

When individuals contact LIP, they are matched with someone fluent in the language that they wish to learn. Visiting scientists, staff members, students, and spouses are all welcome to participate. For more information, contact Jen Lynch, Ext. 4894 or lynch@bnl.gov.

Reimbursement Account Deadline

According to the Internal Revenue Service, contributions to health care or dependent day care accounts not used by the end of the year will be forfeited. So, do not forget to use up balances within all 2001 reimbursement accounts by claiming expenses incurred in 2001. To do so, submit claim forms by March 31.

Hot Hoops Basketball Scores From 3/14

Fab Five 70 — Chemically Imbalanced 67

Titans 49 — Shorties 30

Calendar

(continued)

— WEEK OF 4/1 —

Tuesday, 4/2

Workshops: Cholesterol & Hypertension

Cholesterol workshop: 11:30 a.m.-12:15 p.m. Bldg. 490, small Conference Room. Participants must register in advance to have blood work done prior to the workshop.

Hypertension workshop: 12:30-1:15 p.m. Bldg. 490, small Conference Room. Topics will include nutritional foods, healthy dining out, easy cooking, travel monitoring for success. Program will be facilitated by a registered dietitian. For registration information, contact Mary Wood, Ext. 5923, wood2@bnl.gov.

Wednesday, 4/3

Music Recital

Noon, Berkner Hall. The Metropolitan Brass Quintet will give a preview of their Carnegie Hall debut performance. All are welcome. For more information, see <http://music.bnl.gov>.

Softball Captains' Meeting

Noon, Berkner Hall, Room A. (Note room change.) The balance of fees will be collected. Schedules and other information will be distributed. Anyone interested in playing softball should e-mail softball@bnl.gov.

Thursday, 4/4

BERA Bridge Club

7 p.m., Berkner Hall Cafeteria. Morris Strongson, Ext. 4192, mms@bnl.gov.

— WEEK OF 4/15 —

Thursday, 4/18

BAC Meeting

12:30-1 p.m., Berkner Hall, Room D. Brookhaven Advocacy Council Meeting. Open Session. www.bnl.gov/bac.

BERA Bridge Club

7 p.m., Berkner Hall Cafeteria. Morris Strongson, Ext. 4192, mms@bnl.gov.

— WEEK OF 4/22 —

Monday, 4/22

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.

— WEEK OF 4/29 —

Tuesday, 4/30

Workshops: Cholesterol & Hypertension

Cholesterol workshop: 11:30 a.m.-12:15 p.m. Bldg. 490, small Conference Room. Participants must register in advance to have blood work done prior to the workshop.

Hypertension workshop: 12:30-1:15 p.m. Bldg. 490, small Conference Room. Topics will include nutritional foods, healthy dining out, easy cooking, travel monitoring for success. Program will be facilitated by a registered dietitian. For registration information, contact Mary Wood, Ext. 5923, wood2@bnl.gov.

— WEEK OF 4/29 —

Thursday, 5/2

BERA Bridge Club

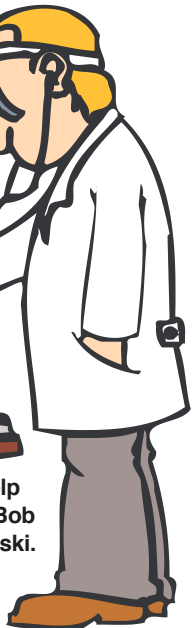
7 p.m., Berkner Hall Cafeteria. Morris Strongson, Ext. 4192, mms@bnl.gov.

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. Please enter the 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.

Meet the Computer Doctors



ITD Customer Support Manager Marty Gormezano (front, second from left) with ITD Help Desk Analysts: (from left) Kevin Lesperance, Frank Buderman, Bill Baltz, Brian Wrynn, Bob McGonigle, and Amy Stein. Missing from picture is Help Desk Supervisor Steve Kwiecinski.



If you need help in diagnosing your computer network problem, performing surgery-like installation of hardware or software, or finding an antidote for a computer virus, then whom do you call upon? If you call Ext. 5522 or e-mail itdhelp@bnl.gov, then you will have the friendly and knowledgeable “computer docs” of the Information Technology Division’s Help Desk at your service.

Answering almost 150 calls and e-mails a day, the seven Help Desk analysts plus their supervisor are BNL’s first level of response to computer how-to questions, installation requests, network-outage inquiries, and other emergencies.

Help Desk analysts are available for consultation by phone 24 hours a day, seven days a week. E-mails to itdhelp@bnl.gov that are received Monday to Friday, 8 a.m. to 5:30 p.m., are replied to that day; e-mails received after hours and on weekends are responded to the next business day.

“If we can’t solve the problem immediately, then we route it to our second-level support staff,” explains Help Desk Supervisor Steve Kwiecinski.

Each call or e-mail for help is documented and tracked to ensure that each individual problem is completely solved to the caller’s satisfaction and to identify problem trends and solution successes.

“Our goal is to allow our callers to return as soon as possible to using their computers productively,” says ITD Customer Support Manager Marty Gormezano.

— Marsha Belford

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/JOBS/jobs.html.

LABORATORY RECRUITMENT - Opportunities for Laboratory Employees

MK2293. STAFF SPECIALIST (A-6) Requires a bachelor’s degree or equivalent experience, 5 or more years’ experience with budgeting, and knowledge of Laboratory financial systems (PeopleSoft, LCDS, etc.) and MS Excel. Must have excellent organization, communication, and interpersonal skills, and demonstrated ability to manage multiple priorities on a short-turnaround basis. Knowledge of MS Outlook, Word and PowerPoint is highly desirable. Responsibilities will include providing budgetary and administrative support to the Division. Will prepare budgets for management approval, update PeopleSoft budget and personnel forecast modules, utilize Laboratory financial systems to order and account for materials, equipment, supplies, travel, and services, and process invoices for payment. Will monitor budgets and expenses and interface with ISD managers and staff, and with the Budget Office on budget matters. Will process and record staff time and attendance and update Labor Cost Distribution System; process paperwork related to personnel actions; provide administrative support to staff for special events, travel, etc., prepare and distribute correspondence and respond to routine staff inquiries related to timekeeping and procurement procedures. Will act as Division point of contact and liaison for internal and external inquiries and maintain filing systems and provide routine office duties in support of the Division Manager. Information Services Division.

OPEN RECRUITMENT – Opportunities for Laboratory employees and outside candidates.

MK2923. SCIENTIST – Requires a Ph.D. with expertise in photochemical modeling. Will join a research program that is focused on the acquisition and interpretation of chemical and meteorological data from comprehensive

urban and regional scale field campaigns. Modeling research will be done within the broad context of understanding the processes that cause elevated aerosol and oxidant levels. The opportunity exists to define and participate in field activities. Expertise in running Models –3 or a similar transport/chemical model is required. Under the direction of P. Daum, Atmospheric Sciences Division/Environmental Sciences Department.

MK2922. ASSISTANT SCIENTIST (S-1) - Requires a Ph.D. level scientist with interest and expertise in aerosol microphysical measurements. The position involves participation in field and laboratory studies designed to understand the processes that determine the chemical and microphysical properties of aerosols in the ambient atmosphere. Field measurements will be conducted principally in conjunction with large-scale studies focusing on the formation, transport and distribution of photochemical oxidants, aerosols and related species. Will choose and implement aerosol microphysical measurements for both surface and aircraft based field studies, and will have primary responsibility for the analysis and interpretation of the resultant data. The position requires the willingness and ability to work within a small group focused on understanding aerosol formation and growth processes, aerosol thermodynamics, and the representation of these properties in photochemical/transport models. Under the direction of P. Daum, Atmospheric Sciences Division/Environmental Sciences Department.

MK2924. POSTDOCTORAL RESEARCH ASSOCIATE – Requires a Ph.D. with interest and expertise in experimental chemical physics to join our aerosol microphysical and chemical measurements group. Research involves development of a second-generation single particle mass spectrometer and its deployment in the field. The successful applicant is expected to integrate into a larger team that is focused on laboratory research as well as surface and aircraft based field studies of atmospheric processes. Under the direction of D. Imre, Atmospheric Sciences Division/Environmental Sciences Department.

MK2925. POSTDOCTORAL RESEARCH ASSOCIATE – Requires a Ph.D. with interest and expertise in experimental chemical physics to join our aerosol microphysical and chemical measurements group. The position is to develop and apply novel tools to study the thermodynamic and kinetic properties of nanoparticles. Will be expected to integrate into a larger team that is focused on laboratory research as well as surface and aircraft based field studies of atmospheric processes. Under the direction of A. Zelenyuk, Atmospheric Sciences Division/Environmental Sciences Department.

MK2051. POSTDOCTORAL RESEARCH ASSOCIATE (Two positions) – Requires a Ph.D. in physics, chemistry or materials science and experience in synchrotron x-ray measurements. Knowledge and/or familiarity with “soft” condensed matter, especially polymers, is a plus. Under the direction of S. Dierker, National Synchrotron Light Source Department.

MK2053. POSTDOCTORAL RESEARCH ASSOCIATE (Two positions) – Requires a Ph.D. in physics, chemistry or materials sci-

ence and experience in femto-second laser systems and/or synchrotron x-ray measurements. Knowledge of and/or familiarity with ultrafast x-ray measurements is a plus. Under the direction of S. Dierker, National Synchrotron Light Source Department.

MK2210. POSTDOCTORAL RESEARCH ASSOCIATE - Requires a Ph.D. in physics or nuclear chemistry. Preference will be given to candidates with strong data analysis and programming skills in C++. Position is with the PHOBOS Group, which has successfully completed Year 2 of running at RHIC with colliding gold beams at energies from 20-200 GeV in the nucleon-nucleon CMS frames and proton beams at 200 GeV. Since RHIC will not be running until early 2003, the main activity of the group until then will be on extensive analysis of this high-statistics data set. The group has a major involvement in analyses pertaining to charged multiplicity and correlation (HBT, reaction plane) measurements. Our focus is on understanding the large-scale features of heavy ion collisions and how to relate them to the underlying dynamics. Will lead a new analysis or join an existing effort on this data set. The group also plays a major role in the PHOBOS experiment, with areas of responsibility ranging from experimental operations to data production and overall software development. Will have the opportunity to assume a leadership role within any of these areas within PHOBOS during the next RHIC run. In addition, will be able to participate in developing possible future upgrade paths for the detector and research program of the group. The group consists of 6 scientific staff plus visiting students from collaborating institutions. Under the direction of N. George, Chemistry Department.

Vote Next Week!

BERA Board Elections

Next week, two of four candidates will be elected for the 2002 BERA Board. The candidates are: John McCaffrey, Accelerator Magnet Division; Terry Monahan, Safety & Health Services Division; Susan Monteleone, Energy Sciences & Technology Department; and Gerry Shepherd, Safeguards & Security Division (see last week’s Bulletin).

Employees of BNL, BSA, DOE, and of permanent, on-site contractors are urged to vote, Monday-Wednesday, March 25-27, 11:30 a.m.-1:30 p.m., at Berkner Hall; and Thursday-Friday, March 28-29, 10 a.m.-2 p.m., at the Teachers’ Federal Credit Union.