

New OSA Fellow Louis DiMauro



Roger Stoulenburgh 0207012

Louis DiMauro of the Chemistry Department has been named a Fellow of the Optical Society of America (OSA).

OSA brings together over 15,000 scientists, engineers, educators, technicians, and business leaders in optics and photonics to promote and disseminate knowledge in these fields. OSA fellows are named for outstanding achievements in their field, and 23 were elected in 2002.

"I am happy to receive this honor, which has resulted from experiments in optics that my colleagues and I have been performing for the past decade," said DiMauro. "I am certain that there are many new discoveries that await us in the future."

DiMauro works on developing new laser technology that generates intense pulses of light over a very short time span. The light pulse is faster than the motion of atoms in matter. This combination of very powerful light and unprecedented time scale allows scientists to study how the structure of materials changes over time and defines the field of ultra-fast science.

After performing numerous laser-based experiments using this technology, DiMauro and colleagues developed a now widely accepted theory, for which he was recognized by OSA, on how a short, intense laser field interacts with atoms.

This theory, called the Rescattering Model, explains how an ultra-bright laser pulse shining on an atom can produce very energetic electrons and photons. The model shows that an electron that is originally bound to the atom can acquire enormous energy from the light field, resulting in a catastrophic collision. The collision results in the production of ultrashort wavelengths of light extending into the x-ray regime.

DiMauro earned a B.S. in chemistry from Hunter College in 1975, and an M.S. and Ph.D. in chemistry from the University of Connecticut in 1977 and 1980, respectively. In 1988, he joined BNL's Chemistry Department, also becoming an adjunct physics professor at Stony Brook University, where he is now a visiting professor of physics. A senior scientist at BNL, he is also a Fellow of the American Physical Society. — Diane Greenberg

For more information, go to www.bnl.gov/bnlweb/pubaf/pr/2002/bnlpr012902.htm.

Physicists See Once-in-a-Trillion Event — Again!

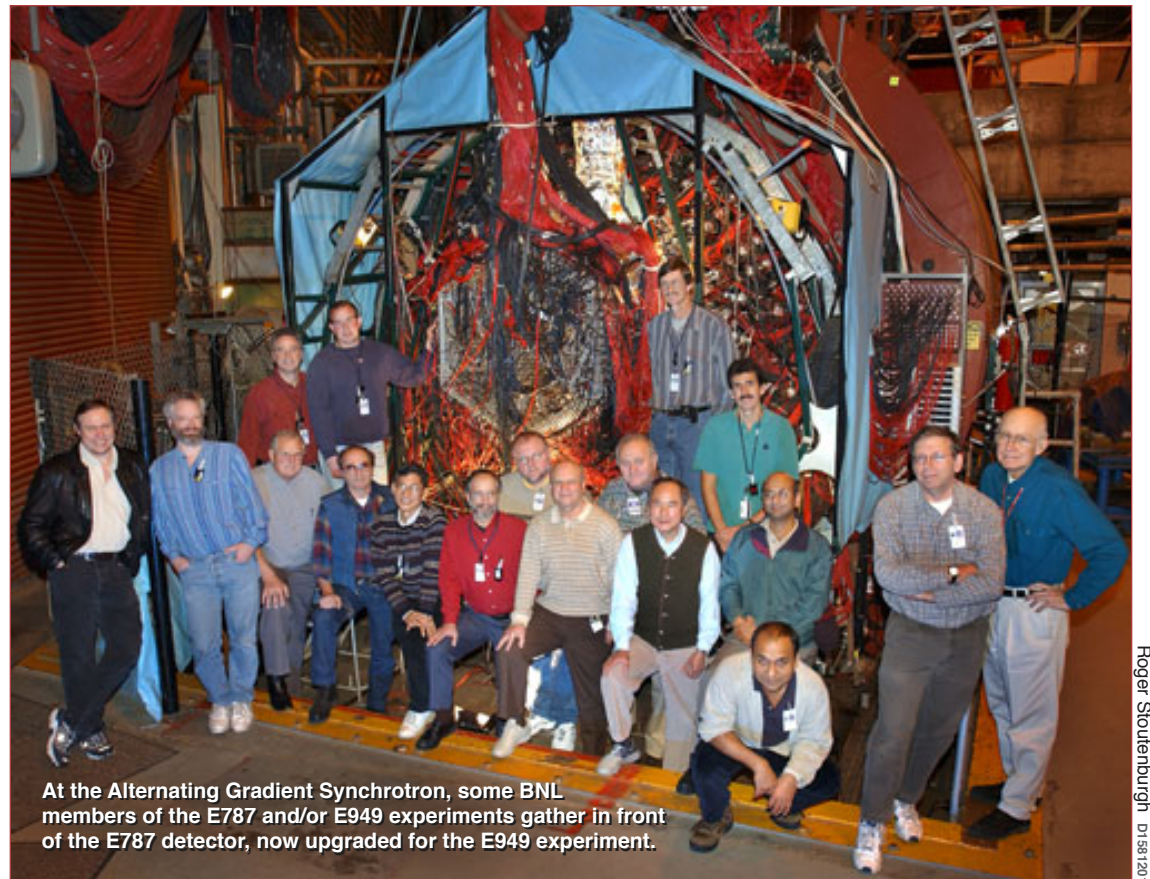
After careful study of six trillion subatomic particle decays at BNL's Alternating Gradient Synchrotron (AGS), an international collaboration of physicists announced that they have spotted one of the rarest occurrences in the subatomic world — for a second time.

The 50 researchers, from the United States, Canada, and Japan, have spent 12 years searching for this rare decay of an unstable particle called a kaon. In this time, they have processed enough data to fill 50 million CD-ROMs.

The collaboration, called E787 for its experiment number, reported the first-ever example of this rare decay four years ago. The second observation, published in the January 28, 2002, *Physical Review Letters*, represents an important confirmation of that discovery.

Kaons can decay, or break apart, in a variety of ways. One particular decay mode, in which the kaon turns into a positively charged pion, a neutrino, and an antineutrino, is so rare that theory predicts it will only happen several times in every hundred billion kaon decays.

Because of difficulties in distinguishing this type of decay from the many others that look like it, the physicists had to search through many times that



At the Alternating Gradient Synchrotron, some BNL members of the E787 and/or E949 experiments gather in front of the E787 detector, now upgraded for the E949 experiment.

Roger Stoulenburgh 01581201

number of events, just to have a chance of spotting one.

To search through 6 trillion kaon decays, the E787 collaboration first needed 6 trillion kaons. They chose to work at the AGS because of its ability to produce the world's most intense beam of kaons.

Since kaons only exist for about 12 billionths of a second, the E787 collaboration then had to construct a state-of-the-art particle detector to capture these fleeting decays in detail. The machine they built is capable of examining one million decays every second.

Those decays that the machine selected as promising were short-listed to magnetic tape. This "short" list, which was actually thousands of gigabytes in size, was pored over in detail by the physicists as they reconstructed what

(continued on page 2)

At the National Synchrotron Light Source at Brookhaven

NIST, Dow Scientists Reveal Catalysts' Private Lives

What do car interiors, adhesives, and sterilizing agents have in common?

They are all produced from propylene oxide, a volatile, colorless liquid with a \$10 billion-annual market value.

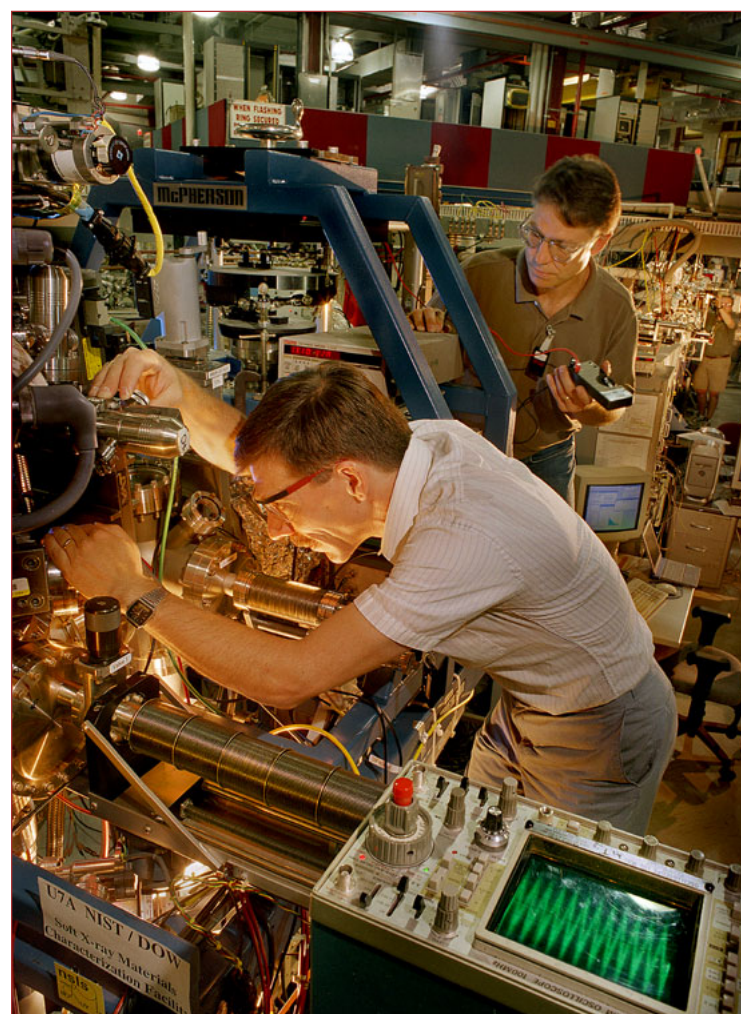
At BNL's National Synchrotron Light Source (NSLS), scientists who work for the National Institute of Standards & Technology (NIST) in Gaithersburg, Maryland, and Dow Chemical in Midland, Michigan, are studying how to produce propylene oxide in a single-step, environmentally friendly way.

To help in their investigations, they have designed and built a state-of-the-art instrument that is now producing very exciting results.

Propylene oxide is produced by combining propylene, a flammable gas obtained by breaking up petroleum molecules, with oxygen. The process is accelerated by chemicals which act as catalysts.

"Selecting the best catalysts is usually done by testing different chemicals and choosing the one with the best results," says Daniel Fischer, NIST physicist and team leader. "Instead, we are developing a new method that reveals the complex transformations that occur during a chemical reaction. With that knowledge, we may be able to develop cleaner and more efficient catalysts for propylene oxidation."

To study the role of two types of catalysts, platinum on alu-



Roger Stoulenburgh 015711-01

At the National Synchrotron Light Source, National Institute of Standards & Technology's Dan Fischer (front) and former Dow Chemical chemist Simon Bare prepare equipment for a catalysis experiment.

mina and zeolites, which are cage-like molecules, Fischer and his colleagues use a technique called near-edge x-ray absorption fine structure (NEXAFS).

In NEXAFS, very intense x-rays are projected toward a cell

containing the reactants and the catalyst. By precisely tuning the wavelength or "color" of the x-rays, the scientists select x-rays with low-energy, soft, x-rays, which probe every step of the chemical reaction.

The soft x-rays are scattered or re-emitted by the chemicals, then analyzed by a detector. The detector produces a spectrum of signals, each providing information on the chemical bonds between the atoms present in the reactants and the catalyst.

"The signals act like fingerprints," says Fischer. "You can watch bonds form and break as the signals wax and wane with time. It is like looking inside a black box, with the eyes as the detector and the synchrotron radiation providing the illumination."

Getting clearly separated signals, however, was not easy. When the scientists first looked at their NEXAFS spectra six years ago, the signals of interest were camouflaged by many others.

So Fischer and NIST postdoc Sharadha Sambasivan developed and refined an instrument that would filter the x-rays coming off the reaction cell by reflecting the desirable x-rays and absorbing the others. The instrument, called a normal incidence focusing multilayer mirror, is a state-of-the-art device that dramatically reduces the background.

"The originality of this work is in being able to understand how these reactants and catalysts work together under real conditions," Fischer says. "Now we have the tools to really find out what is going on at the atomic level in catalysts at work — to catch a glimpse of their private lives!" — Patrice Pages

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
12:15-12:45 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.; 4th Tuesday at 12:05 p.m. in Bldg. 463. 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.

Tues., Wed., Thurs., & Fri.: English for Speakers of Other Languages Classes
Various times. Rec. Bldg., 2nd Floor. Learn English, Make Friends. Jen Lynch, Ext. 4894.

Wednesdays: English Exchange Table
noon-1:30 p.m., Berkner Hall. Native and non-native English speakers are welcome. Make friends and improve English skills. Jen, Ext. 4894, lynch@bnl.gov.

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. Register now for series 3.

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.

February Is Black History Month
See the Black History Month poster exhibit and origami creations on display during the month of February in Berkner Hall lobby. For a complete list of events, see page 3.

— THIS WEEKEND —

Friday, 2/8

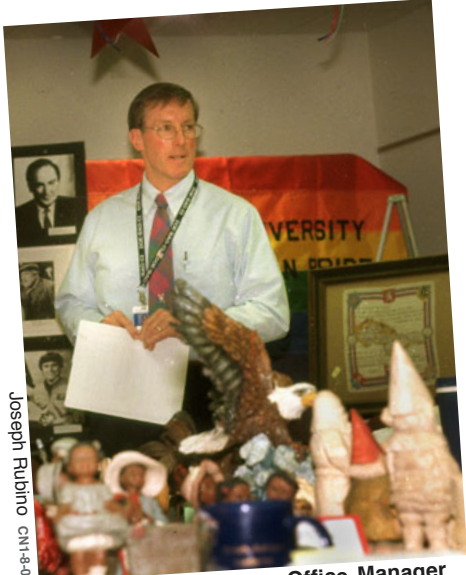
GLOBE Meeting
The Gay, Lesbian, and Bisexual Employee Club at BNL will hold its monthly meeting at 7 p.m. Implementation of domestic partner benefits will be discussed followed by light snacks and table games. For the meeting's location, contact Debbie Bauer, Ext. 5664, or Mike Loftus, Ext. 2960. For more information about the GLOBE club, see www.bnl.gov/bera/activities/globe.

— NEXT WEEK —

Tuesday, 2/12

Toy, Clothing Sale to Benefit Upton Nursery School
11 a.m.-1 p.m., Rec. Bldg. To benefit the Upton Nursery School. Individuals can also sell items on their own at the sale; however, 20 percent of profits must be donated to the school. For table reservations, contact Lisa Fugelberg, 205-5128, or Simone Oppenheimer, 929-0043.

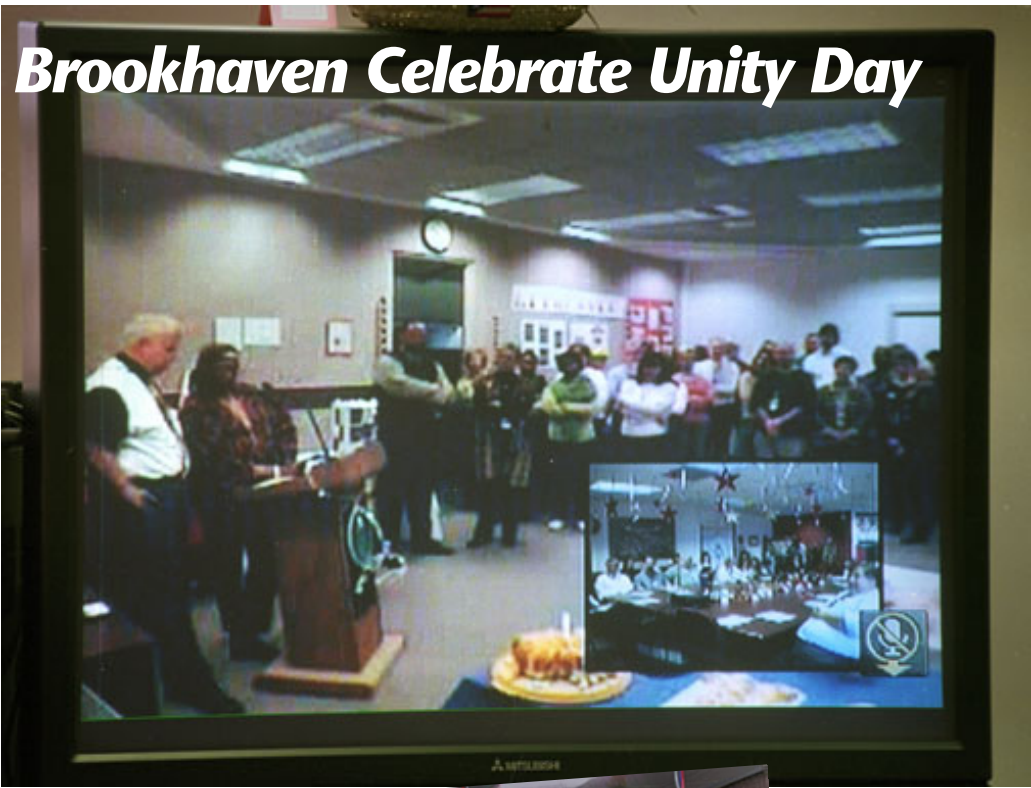
DOE Chicago, Brookhaven Celebrate Unity Day



DOE Brookhaven Area Office Manager Mike Holland



BNL Diversity Office Manager Lorraine Merdon



DOE BAO's Nand Narain shares a story with the Unity Day participants.

The photo above of the videoconferencing screen in the DOE Brookhaven Area Office (BAO) shows DOE Chicago (large picture) and, inset on the Chicago screen, the DOE BAO celebration as it was seen in Chicago.

On January 30, U.S. Department of Energy's (DOE) Chicago Operations Office and its satellite offices, including the Brookhaven Area Office (BAO), joined in celebrating a new special day — Unity Day.

Initiated by DOE Chicago's Unity Council, Unity Day emphasizes the harmony that has emerged from the many diverse backgrounds of the American people.

Linked by videoconferencing to DOE Chicago, BAO staff and guests witnessed as DOE Chicago's Manager, Marvin Gunn Jr., opened the celebration. As Manager Mike Holland responded: "Today's celebration is an opportunity for us to reflect upon how our diverse backgrounds have made us stronger in the workplace and as a nation."

To mark the occasion, DOE BAO staff member Nand Narain, who represents BAO on Chicago's Unity Council, assisted by Nick Torres, Rita Smotherman, Maria Dikeakos, Kim Stein, and others, had transformed the conference room with ethnic banners and embroidered silks on the walls, stars dangling from the ceiling, and ornaments and artwork from many nations on the table and shelves.

The DOE BAO invited speaker was Lorraine Merdon, the Lab's Diversity Office Manager, who, on behalf of BNL, had received DOE's 2001 Diversity/Equal Employment Opportunity Award "for demonstrated excellence in implementing a sound, systematic and effective approach to Equal Employment Opportunity and Diversity."

Merdon gave an overview of some of the Diversity Office programs in place at BNL, both established and new (see accompanying box). As she commented later, "It was a pleasure to be invited to share DOE's Unity Day celebration with the BAO staff. I was very impressed with the true spirit of unity and camaraderie of the group."

Unity Day continued with talks and recitals given by DOE staff in Chicago and at BNL, including explanations of displayed ethnic artifacts by Narain and such glimpses of immigrant history as the story of why "My Great-Grandfather Wore No Socks," told by John Carter, DOE BAO. The on-site DOE staff also provided a magnificent spread of ethnic foods for all participants to enjoy.

— Liz Seubert

Diversity Office Programs at BNL

- affirmative action
- diversity awareness through "special emphasis" months such as Black History Month
- women's programs
- disability awareness
- community outreach

The Diversity Office's web site is now under construction, so for more information on these programs, contact Lorraine Merdon, Ext. 3318 or merdon@bnl.gov or Rosa Palmore, Ext. 2703 or palmore@bnl.gov. Or, visit the Diversity Office staff in Bldg. 185A.

Once-in-a-Trillion Event — Again!

(cont'd.)

really happened inside the detector.

"Out of all that data, we've now found two events explainable only by the rare kaon decay we were searching for," said Laurence Littenberg of the Physics Department, co-spokesperson for the collaboration.

Doug Bryman of the University of British Columbia and TRIUMF — Canada's National Laboratory for subatomic physics — says this rare decay is one of the keys to understanding the universe's most elemental forces and building blocks.

"This is a decay that physicists have been looking for since the 1960s, but nobody knew for sure if we would see it," said Bryman. "Understanding such complex forms of decay is especially important to physicists attempting to learn how matter behaves at the most fundamental level."

Over the course of the 12-year experiment, the E787 team upgraded its detector by adding new instruments and components to track particles and observe them decay in nanosecond detail.

Now that it has proven to have the sensitivity to see the rare kaon decay, the detector will be used in a follow-up AGS experiment, E949, led by Bryman, Steve Kettell of BNL Physics, and Shojiro Sugimoto of KEK, Japan. The experimenters will attempt to gather ten times as much data so that the decay can be studied in greater detail.

"We will also test the possibility that the events we've seen might instead involve entirely new particles or forces," Littenberg added.

— Karen McNulty Walsh

For a longer version of this story and additional background information, go to: <http://www.bnl.gov/bnlweb/pubaf/pr/2002/bnlpr011002.htm>.

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 interrupted studies in natural sciences, engineering, or mathematics. The winner will receive a one-time award of \$2,000 from Brookhaven Women in Science, a not-for-profit organization created to promote 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 2002-03 must be either at the junior or senior undergraduate level or at the first-year graduate level, to be pursued on a halftime 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 and more information by writing to: Chasman Scholarship Fund, P. O. Box 183, Upton, NY 11973. The deadline for applications is April 1, and the award will be presented in July.

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 Brookhaven Lab whose work influenced the design of synchrotrons around the world, including the National Synchrotron Light Source at Brookhaven.

Black History Month — BNL Calendar

February is Black History Month. The following events are being held at BNL to commemorate Black history:

‘Black Presence in the Bible’

A Talk by Beresford Adams, Wednesday, 2/13

The Reverend Beresford Adams, pastor of Faith Baptist Church, Coram, will talk on “Black Presence in the Bible,” at noon in Berkner Hall, Room B, on Wednesday, February 13. All are welcome.

Adams studied religion and theology at Princeton University and Drew University, culminating in earning a Ph.D. in pastoral theology. Programs initiated by him include meals for senior citizens, a chapter of the 100-Percent Drug-Free Club, a youth orchestra, homeless care, and many others. His board memberships include the Suffolk County Anti-Bias Task Force and the Campaign for Human Development of Catholic Charities. He is also Board President of Youth Awareness, Inc., the Middle Island Alliance, and the East End African American Baptist Clergy. He has been honored with many awards and citations, including *Newsday*’s Long Island Person of the Century Everyday Hero, and *Newsday*’s Person of Faith.

Other events include:

Date	Time	Location	Event
2/13	11 a.m.	Berkner Lobby	Black History Challenge (quiz)
2/20	noon	Berkner Hall	Recital by Nnenna Ogwo who will present an encore performance of classical masterworks
2/27	11 a.m.	Berkner Lobby	Black History Challenge (quiz)
2/27	noon	Berkner, Room B	BNL’s Diversity Recruitment Efforts — Progress reports and highlights from new staff

Don’t miss the Black History Month poster exhibit and origami creations on display during the month of February in the Berkner Hall lobby.

ESOL Invites . . .

BNL’s English for Speakers of Other Languages (ESOL) program seeks participants for the following activities. For more information, contact ESOL Coordinator Jen Lynch, Ext. 4894 or lynch@bnl.gov.

BNL English Exchange Table

Native and non-native English speakers are needed to join the newly formed Brookhaven English Exchange Table (BEET). BEET is a way to meet new people and discuss ideas while practicing English conversation. The first BEET will be held in Berkner Hall on Wednesday, February 13, noon-1:30 p.m.

Train to Teach English

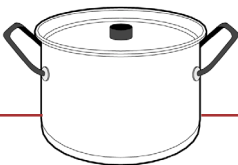
In cooperation with the Literacy Volunteers of America, BNL’s ESOL program will train BNLees as tutors for people at the Lab who want to improve their English skills. Trained tutors may choose to teach one-on-one or in group settings.

ESOL Valentine’s Day Tea

BNL’s English for Speakers of Other Languages (ESOL) program invites the Lab community to a Valentine’s Day Tea on Thursday, February 14, from noon to 2 p.m. in the Recreation Building. Celebrate Valentine’s Day by making cards, eating sweets, and making new friends. Tea, coffee, snacks, and chocolate desserts will be served.

Potluck Party

The Hospitality Committee will welcome Lab newcomers and BNLees at its potluck party on Friday, February 15, at 5:30 p.m. in the Recreation Center. Bring your family, friends, and your favorite dish to share. For more information, contact Mimi Luccio, 821-1435, or Shashi Somani, Ext. 1064.



Yvette Malavet-Blum
Valentine’s Day Vocalist



Cabaret vocalist Yvette Malavet-Blum will present a special Valentine’s Day recital, “Dreams Do Come True,” at noon in Berkner Hall on Thursday, February 14.

Last November, Malavet-Blum opened her solo show, *Dreams Do Come True*, at Don’t Tell Mama, a cabaret theater on 46th Street in Manhattan. Earlier in 2001, she starred in another cabaret, *And The Angels Sing*, given in Manhattan at Don’t Tell Mama and Danny’s Skylight Room, and elsewhere in New York State.

Noon recitals are free and open to the public.

One-on-One
Retirement Planning

On Wednesday, February 27, during 30-minute one-on-one retirement planning sessions to be held between 9 a.m. and 5 p.m., BNLees may meet with a licensed representative of the Vanguard Group.

To schedule a 30-minute interview, call Vanguard, 1-800-662-0106, Ext. 69000.

Arrivals & Departures

Arrivals

James Ablett NSLS
Tuong Le C-A
Melvyn Morris CEGPA

Departures

Susan Briggs Env. Svcs.
Christie Nelson Physics
Shin’ichi Saito Biology
Guenter Schneider Physics
James Sorohan Plant Eng.
Manfred Thomas NSLS
Martin Van Lith Physics
Ralph Werner Physics

2001 United Way Campaign Raises \$118,478



“They have done it again,” said Susan Monteleone (front, left), chair of the 2001 United Way campaign. “The employees and BSA raised more than \$118,000 for the September 11th fund earlier in the year, and then, without hesitation, employees and retirees contributed generously to the United Way campaign. BNLees continue to shine through.”

Funds raised in the 2001 “Sharing From the Heart” campaign total \$118,478. This includes \$88,633 in employee pledge contributions, \$10,800 in one-time donations, \$10,000 BSA volunteer-hour matching contributions, and \$8,545 in raffle sales. BNLees also contributed over 1,200 hours in personal

volunteer effort during the campaign — more than a 50 percent increase from the 800 hours volunteered during the year before.

As Monteleone emphasized, she had essential help in the campaign from co-chair Beth Blevins (front, right), who ran the volunteer efforts; Liz Mogavero (back, right), who handled the accounting for the campaign; and Linda Sinatra (back, left), who ran the raffles.

As Monteleone concluded, “The people are the Lab’s biggest asset. This year BNL employees have responded with open hearts and open purses.”

— John Galvin

Roger Stoudenbush D0560102

Committee Seeks Nominees
For 2002 BERA Board

All employees, facility users, visitors, and guests who wish to propose a nominee for the 2002 BERA Board election must contact one of the following individuals no later than Friday, February 15. Make sure that the person being proposed will agree to accept the nomination if selected by the nomination committee.

Name	Dept.	Bldg.	Phone	e-mail
Al Boerner	NSLS	725B	5990	boerner2bnl.gov
Joe DeCicco	C-A	912	2022	decicco@bnl.gov
Ray Dumont	Instr.	535B	4243	rdumont@bnl.gov
Frank Dusek	C-A	912	2022	dusek@bnl.gov
Linda Greves	S&H Svcs.	129	3750	greves@bnl.gov
Juanita McKinney	Bus. Sys.	459	3915	mckinney@bnl.gov
Denise Monteleone	Biology	463	3406	dcm@bnl.gov
Chris Neuberger	C-A	911B	6062	chrisn@bnl.gov
Maria Pacella	IPIP	475D	3341	pacella@bnl.gov
Ken Sutter	ES&T	480	4514	ksutter@bnl.gov

Roll Up Your Sleeve
Valentine’s Day Blood Drive



Joseph Rubino CNE-106-01

“Frank and I usually donate blood together at every blood drive,” said Diana Teich, a senior technology analyst in the Procurement & Property Management Division, seen above with her husband, Frank Teich, a principal technician in the Collider-Accelerator Department.

Appointments may still be made to donate blood during the BNL Valentine’s Day Blood Drive, which will take place on Thursday, February 14, from 9:30 a.m. to 3 p.m. in the Brookhaven Center.

Those eligible to donate are people in good health between the ages of 17 and 75 who weigh at least 110 pounds. Donors must have photo identification and know their social security number.

To make an appointment, contact Blood Drive Chair Susan Foster, Human Resources Division, Ext. 2888 or donateblood@bnl.gov. In your message, include your name, extension, e-mail address, and preferred time to donate.

Calendar

Tuesday, 2/12 (cont’d.)

Healthline Lecture

Noon, Berkner Hall. George Roach will present an update on Elderlaw 2002 and discuss money matters when illness strikes. Mary Wood, Ext. 5923, wood2@bnl.gov.

Voicestream Wireless Demo

10 a.m. - 2:30 p.m., Berkner Hall. Special rates will be presented to BNLees on Voicestream’s wireless network. Richard Goll, (516) 343-5900.

Wednesday, 2/13

Rifle & Pistol Club Meeting

noon, Conference Room, Bldg. 535. Jim Durnan, Ext. 5993, or www.bnl.gov/bera/activities/tpc/.

Weight Watchers

Registration and first session of Weight Watchers at Work. noon-1 p.m., Brookhaven Center. \$89 includes 10 sessions. Mary Wood, Ext. 5923, wood2@bnl.gov.

Thursday, 2/14

BNL Blood Drive

9:30 a.m.-3 p.m., Brookhaven Center. BNLees from 17 to 75 years of age, in good health, and weighing over 110 lbs. are welcome. All donors should have photo identification and know their social security number. Susan Foster, Ext. 2888, donateblood@bnl.gov.

Verizon Wireless Demo

11 a.m. - 2 p.m., Berkner Hall. A representative will present BNLees with special rates on wireless service. Harry Campbell, 516-458-9122.

Noon Music Recital

noon-1 p.m., Berkner Hall. Free. Vocals by Yvette Malavet Blum. See <http://music.bnl.gov>.

*Valentine’s Day Tea

noon-2 p.m., Rec. Bldg. Sponsored by BNL’s English for Speakers of Other Languages program. Jen, Ext. 4894.

Friday, 2/15

*Potluck Party

5:30 p.m., Rec. Bldg. Bring friends, family, and your favorite dish to share. Mimi Luccio, 821-1435, or Shashi Somani, Ext. 1064.

— WEEK OF 2/18 —

Wednesday, 2/20

Brookhaven Lecture

4 p.m., Berkner Hall. Susan Pepper of BNL’s Nonproliferation and National Security Division will present the 370th Brookhaven Lecture, on international safeguards of nuclear material.

Thursday, 2/21

Brookhaven Advocacy Council

Open session: 12:30-1:00 p.m., Berkner Hall, Room C. See www.bnl.gov/bac. Nancy Warren, Ext. 4200.

BERA Bridge Club

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

— WEEK OF 2/25 —

Monday, 2/25

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, 2/26

Healthline Lecture

Noon, Berkner Hall. Diana Dalton, a certified nutritionist, will present “Nutrition and the Immune System.” Mary Wood, Ext. 5923, wood2@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.

