

BNL Talk on Women and Heart Disease Congressman Bishop attends in support of American Heart Association's 'Go Red for Women' initiative

Roger Stoutenburgh D1550207



BNL's Gloria Bennett has her blood pressure measured by Pat Edwards of the Occupational Medicine Clinic.

U.S. Representative Tim Bishop (left) is welcomed by BNL Deputy Director for Operations Mike Bebon

Free blood-pressure checks, red tee-shirts and red pins were given out at noontime on February 20 in Berkner Hall — all part of an event to demonstrate support for the American Heart Association's "Go Red for Women" initiative highlighting the dangers of heart disease and stroke in America, most particularly in women.

U.S. Representative Tim Bishop addressed BNLeers on the importance of learning about heart disease, which is one of his concerns for his constituents and the nation. Bill Thompson of the American Heart Association echoed Bishop's remarks on this important topic and thanked him for his support in Congress.

Jai Subramani of the Clinic gave an informative talk on "Women and Heart Disease," which, as she explained, is the number one killer of women in America. The event, which is part of a series of informative talks at BNL centering around women's health issues, was organized by Michael Thorn, the Lab's Health Promotion Program Coordinator, in the Human Resources & Occupational Medicine Division. — Liz Seubert

Roger Stoutenburgh D1610207



Photographed after the event are: (from left) William Hempfling, Human Resources & Occupational Medicine Division (HROM) Director; Michael Thorn, BNL's Health Promotion Program Coordinator; Jai Subramani, HROM Physician; and BNL Deputy Director for Operations Mike Bebon.

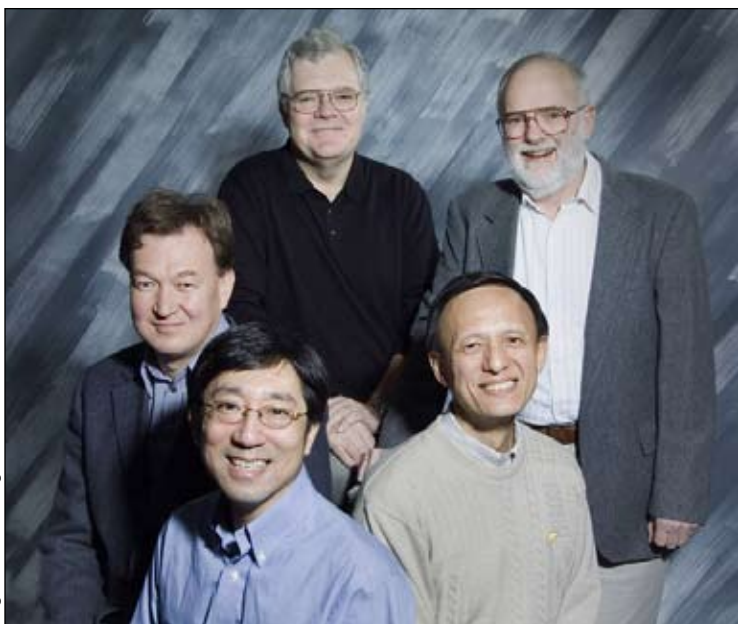
Five BNL Scientists Named APS Fellows

Five BNL scientists — Tim Hallman, Chi-Chang Kao, Dmitri Kharzeev, William Morse, and Yimei Zhu — have been named Fellows of the American Physical Society (APS), a professional organization with more than 45,000 members. Election to APS Fellowship is limited to no more than one half of one percent of its membership in a given year, and election for this honor indicates recognition by scientific peers for outstanding contributions to physics. The BNL scientists are among 212 Fellows elected in 2006.

Tim Hallman, a senior physicist in the Physics Department, was recognized "For his leadership of the STAR experiment at the Relativistic Heavy Ion Collider at Brookhaven National Laboratory." Since 2002, Hallman has served as spokesperson for the STAR experiment at the Relativistic Heavy Ion Collider (RHIC), a world-class scientific research facility that drives two intersecting beams of gold ions head-on to study the early universe. At RHIC, the STAR detector searches for quark-gluon plasma (QGP), the type of matter postulated to have existed just microseconds after the Big Bang.

Hallman earned his Ph.D. in physics from The Johns Hopkins University in 1982. After working as a postdoctoral and associate research scientist at

Roger Stoutenburgh D1801206



Clockwise from left, Dmitri Kharzeev, Tim Hallman, William Morse, Yimei Zhu, and Chi-Chang Kao.

the university, he joined DOE's Lawrence Berkeley National Laboratory in 1991 as a staff scientist. Later that year, he accepted a research physicist position at the University of California. Hallman joined BNL as a physicist in 1996. He is currently the STAR Group Leader.

Chi-Chang Kao, Chair of the National Synchrotron Light Source (NSLS) Department, was recognized "For his many contributions to resonant elastic and inelastic x-ray scattering techniques and their application to materials physics." During his research at the NSLS, Kao has developed new x-ray scat-

tering techniques to study the electronic and magnetic properties of magnetic and strongly correlated materials. These techniques have led to better understanding of the Earth's interior and materials properties under extreme conditions.

Kao earned his Ph.D. in chemical engineering from Cornell University in 1988. Shortly after, he joined BNL as a postdoctoral research assistant at the NSLS. He was promoted to senior physicist in 2001. Kao is also an adjunct professor in the Department of Physics and Astronomy at Stony Brook University.

(continued on page 2)

BNL Is First DOE Lab To Achieve OHSAS 18001

Roger Stoutenburgh D1420207



Michael Holland, DOE's Brookhaven Site Office Manager

Roger Stoutenburgh D1330207



Patrice Bubar, Deputy Assistant Secretary for Corporate Performance Assessments in DOE's Office of Corporate Safety Analysis Assessments

Roger Stoutenburgh D1410207



Lab Director Sam Aronson (left) and Assistant Laboratory Director for Environment, Safety, Health & Quality Jim Tarpinian

On Thursday, February 15, in Berkner Hall, the Lab community joined Lab Director Sam Aronson and Assistant Laboratory Director for Environment, Safety, Health and Quality Jim Tarpinian in celebrating BNL's becoming the first DOE lab to achieve registration with Occupational Health and Safety Assessment Series (OHSAS) 18001.

Patrice Bubar, Deputy Assistant Secretary for Corporate Performance Assessments in DOE's Office of Corporate Safety Analysis Assessments, and Michael Holland, DOE's Brookhaven Site Office Manager, both extended warm congratulations to BNL for achieving OHSAS 18001, which is an internationally recognized health and safety management system of excellence. They recognized the commitment of all at the Lab to health and safety, and looked forward to hearing about BNL's future achievements in this field.

Aronson and Tarpinian expressed their appreciation of the hard work and dedication of all at the Lab who had contributed to this success.

"Who benefits from our increased focus on achieving excellence in safety and health? All of us, and our families as well," noted Aronson. "Our end objective in safety is not just to have 'safe workers.' We want to have 'safe people' who practice safety wherever they are. Congratulations to all and my thanks to everyone who worked so hard over the last three years to achieve this notable success."

Special thanks and congratulations went to Bob Selvey, Safety and Health Services (SHS) Division, and Pat Williams, SHS Division Manager, who led a team of BNL's safety and health personnel whose members had ensured site-wide understanding and compliance to the principles of OHSAS 18001.

The initial success of the project began in 2004 when three major areas at the Lab, the Collider-Accelerator Department and Central Fabrication Services and Plant Engineering Divisions, had achieved the first round of registration.

In 2005, the Phase II sections of the Lab achieving registration included: the Basic Energy Sciences Directorate, the Environmental and Waste Management Services and Instrumentation Divisions, National Synchrotron Light Source and Physics Departments, and Staff Services and Superconducting Magnet Divisions.

The Phase III areas achieving registration included the following directorates: Community, Education, Government and Public Affairs; Energy, Environment, and National Security; Environment, Safety, Health and Quality; and Life Sciences; and the following divisions: Emergency Services; Finance; and Safeguards and Security, and all other support organizations reporting to the Director's Office.

— Liz Seubert

CALENDAR
OF LABORATORY EVENTS

- The BERA Store in Berkner Hall is open weekdays from 9 a.m. to 3 p.m. For more information on BERA events, contact Andrea Dehler, Ext. 3347, or Christine Carter, Ext. 2873.
- Additional information for Hospitality Committee events may be found at the Lollipop House and the laundry in the apartment area.
- The Recreation Building #317 (Rec. Hall) 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, 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 Social & Cultural Club
Noon-1 p.m., Brookhaven Center, South Room, free beginners dance lessons. Rudy Alforque, Ext. 4733, alforque@bnl.gov.

Mondays: Pilates
12:15 & 5:15 p.m. Rec. Hall. Ext. 5090.

Mondays: Jiu Jitsu Club
6-7:30 p.m. B'haven Center. All levels, ages 6 & up. \$10/class. Tom, Ext. 4556.

Mondays & Thursdays: Kickboxing
\$5 per class. Noon-1 p.m. in the gym. Registration is required. Christine Carter, Ext. 5090.

Mon., Tue. & Thu: Ving Tsun Kung Fu
Noon-1 p.m., B'haven Center, North Room. Taught by Master William Moy. Scott Bradley, Ext. 5745, bradley@bnl.gov.

Mon., Thurs., & Fri.: Tai Chi
Noon-1 p.m., B'haven Center North Rm. Adam Rusek, Ext. 5830, rusek@bnl.gov.

Tues. & Thurs: Jazzercise
Noon, Rec. Hall. Ext. 5090.

Tuesday & Thursday: Aerobic Fitness
5:15 p.m., Rec. Hall. 10 classes for \$40 or \$5 per class. Pat Flood, Ext. 7866, flood@bnl.gov.

Tuesday & Thursday: Aqua Aerobics
5:15 p.m., Pool. Ext. 5090.

Tuesdays: Welcome Coffee
10 a.m.-noon, apartment area gazebo. First Tuesday of every month is special for Lab newcomers and leaving guests. Lisa Yang, 979-3937.

Tuesdays: BNL Music Club
Noon, B'haven Center, North Room. Come hear live music. Joe Vignola, Ext. 3846.

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/toastmstrs/.

Tue., Wed. & Thu: Rec Hall Activities
5:30-9:30 p.m. General activities, TV, ping pong, chess, games, socializing. Christine Carter, Ext. 5090.

Wednesdays: On-Site Play Group
10 a.m.-noon, Recreation Bldg. An infant/toddler drop-in event. Parents meet while children play. Petra Adams, 821-9238.

Wednesdays: Ballroom Dance Class
B'haven Center, N. Ballroom. Instructor: Giny Rae. Arup Ghosh, Ext. 3974; Donna Grabowski, Ext. 2720; or Vinita Ghosh, Ext. 6226.

Wednesdays: Weight Watchers
Noon-1 p.m. Michael Thorn, Ext. 8612.

Wednesdays: Yoga
Noon-1 p.m., B'haven Center. Free. Ila Campbell, Ext. 2206, ila@bnl.gov.

Wednesdays: Pilates
5:15 p.m., Rec Hall. Ext. 5090.

Thursdays: Reiki Healing Class
Noon-1 p.m., Bldg. 211 Conference Rm. Nicole Bernholz, Ext. 2027.

Fridays: Family Swim Night
5-8 p.m. BNL Pool. \$5 per family.

Fridays: BNL Social & Cultural Club
Noon-1 p.m., B'haven Center, South Room, free beginners dance lessons. 7-11:30 p.m. North Ballroom, Dance Social, workshops. Rudy Alforque, Ext. 4733, alforque@bnl.gov.

CIGNA: Tuesdays, Bldg. 400

A CIGNA Healthcare representative will be on site in Human Resources, Bldg 400, on Tuesdays, to assist you with any claims issues that you have been unable to resolve yourself. Janice Petgrave will be available for 30-minute meetings, by appointment only, 10 a.m.-1 p.m. Bring all pertinent documentation to your meeting. To schedule, call Linda Rundlett, Benefits Office, Ext. 5126.

SBU Graduate Wins Chasman Scholarship

Noelle Cutter, a graduate student at Stony Brook University (SBU), won the 2006 Renate W. Chasman Scholarship for Women. Brookhaven Women in Science offers the scholarship to qualified candidates annually to encourage women to pursue careers in science, engineering or mathematics.

Named after the late Renate Chasman, a renowned physicist who worked at BNL, the \$2,000 scholarship is awarded each year to a re-entry woman — one whose college education was interrupted, but who has returned to pursue a degree on a half time or greater basis.

Noelle Cutter earned a B.S. in biology from Molloy College in Rockville Center in 2003, then went on to work as a biology associate at BNL, 2004-06, before being accepted at SBU's graduate program in



Roger Stoutenburgh D1781106

With the 2006 Renate W. Chasman Scholarship winner Noelle Cutter (center) are Brookhaven Women in Science members on the scholarship committee (from left): Kathleen Barkigia, Vinita Ghosh, Aimee Sumereau, and Loralie Smart.

genetics in September 2006.

"As an undergraduate, I was a pre-med major at first, but then I became interested in research, so I decided to work in that area to see if it suited me,"

In Memoriam

John Petersen, who retired from the National Synchrotron Light Source Department as a senior designer on May 21, 1982, died on May 29, 2006, at age 90. He had joined the Physics Department on October 16, 1978, after a year as a guest mechanical draftsman.

Arthur Anderson, who joined the Medical Department as a medical dietary assistant III on January 16, 1956, died at age 73 on June 6, 2006. He retired from the Plant Engineering Division as a painting supervisor on May 15, 1992.

Raymond Reilly, who joined BNL as a carpenter on September 15, 1958, and retired as carpentry supervisor on May 31, 1988, died at 81 on October 6, 2006.

J. Keith Rowley, who joined the Chemistry Department as an associate chemist on November 5, 1953, died at 77 on October 29, 2006. He had retired as a chemist on February 28, 1999, then became a guest scientist, March 1, 1999 - June 30, 2005.

Lawrence Leipuner, who joined he Proton Synchrotron Department as a research associate on September 22, 1955, died at 78 on November 11, 2006. He retired on October 19, 2001, as senior physicist with tenure. (See Leipuner Symposium notice above.)

BNL's 60th Anniversary Review, 3/21

On Wednesday, March 21, recapture and feel the pulse of the past six decades of BNL history through music, dance, photos and personal memories of fellow BNLeers — all in "BNL's 60th Anniversary Review," which will be held at 4 p.m. in Berkner Hall. Cake and coffee will follow.

Photo Op — Celebrating BNL's 60th Year, 3/21

All BNLeers are invited to take part in a photo to celebrate the Lab's 60th anniversary. At noon on Wednesday, March 21, the day in 1947 on which BNL was founded, come to the field beside Police Headquarters, Bldg. 50, to form a living B-N-L 6-0. The rain/snow date is Monday, March 26.

Five BNL Scientists Named American Physical Society Fellows



Dmitri Kharzeev, who leads the Nuclear Theory Group in Physics, was recognized "For research on the properties of matter at very high energy densities, and the theory of the high-energy limit of QCD." Kharzeev's work at BNL focuses on quantum chromodynamics (QCD), a theory that describes the interactions of subatomic particles. Working with data from particle collisions at RHIC, Kharzeev's group probes QGP, the type of matter expected to have existed at the first millionth of a second after the Big Bang.

Kharzeev received his Ph.D. in physics from Moscow State University in 1990 and joined BNL in 1997 after holding positions at the National Institute of Nuclear Physics, Pavia, Italy; the Theory Division at CERN, the European laboratory for particle physics; and Bielefeld Univer-

sity, Germany. He was promoted to senior scientist in 2006.

Bill Morse of Physics was recognized "For leadership and intellectual contributions to experimental particle physics, and especially for his role as resident spokesman for the BNL muon anomalous magnetic moment experiment." The Muon (g-2) Experiment was a project at BNL's Alternating Gradient Synchrotron (AGS) that investigated how the spin of a muon is affected as this type of subatomic particle moves through a magnetic field. The experiment's findings challenged the so-called Standard Model of particle physics, a theory that describes the fundamental structure of matter. Morse was the resident spokesman of the experiment from 1991-2004.

Morse earned his Ph.D. in

physics from Purdue University in 1976 and immediately joined BNL. From 1985 to 1991, he was the co-spokesman with Yale professor Michael Schmidt for the AGS E845 experiment, which searched for the rare decay of an unstable particle called a kaon.

Yimei Zhu of the Energy Sciences & Technology Department is the Director of BNL's Institute for Advanced Electron Microscopy and Group Leader for the Center for Functional Nanomaterials. He was recognized "For outstanding and innovative development and implementation of advanced electron beam experiments to understand electronic and magnetic structures and the physical behavior of functional materials such as superconductors and ferromagnetics." Zhu's work includes assessing

NASA Space Radiation Laboratory, a facility that simulates the harsh cosmic and solar radiation environment found in space so that researchers can determine its biological effects. Under the direction of Senior Scientist Betsy Sutherland, Biology Department, Cutter performed research on DNA damage to cell clusters due to space radiation and subsequent repair of that damage. The goal of these studies is to help assess risks to astronauts so that adequate preventive measures can be designed for long space missions.

Currently, Cutter performs research in genetics at Cold Spring Harbor Laboratory as part of her curriculum at SBU. She hopes to earn her Ph.D. in genetics in 2011, and to work in academia, teaching and pursuing research in her field.

— Diane Greenberg

Symposium to Celebrate Leipuner's Physics

All are invited to the "Larry Leipuner Symposium" to be held on Tuesday, March 27, in the Physics Department's Large Seminar Room, Bldg. 510. Talks will start at 1 p.m. with a welcome by Bill Morse, BNL; followed by "Reminiscences of Larry," by Robert K. Adair, Sterling Professor of Physics Emeritus, Yale University; then remarks from Myron Campbell, Chair of the Physics Department, University of Michigan; Allen Sessoms, President of Delaware State University; and Peter Wanderer, BNL. After a half-hour break, Michael Schmidt of Yale will talk on "Larry Leipuner as a Mentor, and a Tale of Two Lifetimes."

Contact Bill Morse, Ext. 3859 or morse@bnl.gov, if you would like to join in a buffet dinner following the symposium.

BWIS & Diversity Office Present One-Woman Play: 'Good Lessons From Bad Women'

In honor of Women's History Month, Brookhaven Women in Science (BWIS) and the Diversity Office will present a one-woman play by Dorothy Leeds in Berkner Hall, titled "Good Lessons from Bad Women," on Wednesday, March 28, at noon.

Leeds combines an eight-year acting career with 22 years of experience as an executive, business owner, and sales and communications consultant. As an experienced media personality and film critic for MSNBC, Leeds appears frequently on broadcast and cable television, on such programs as NBC's "Today," ABC's "Good Morning America," and CNBC's "Smart Money." Leeds' acting credits include Broadway's hit show, "Stop the World, I Want to Get Off."

In her entertaining and provocative show, Leeds takes on the roles of eight so-called "bad" women — some familiar, like Eve, Eleanor Roosevelt, and Mae West, and others, not so well known, such as Emperor Wu, Elizabeth Freeman, Mrs. George Machine Gun Kelly, and Anne Bonney. These unconventional women often did what they felt they had to do, rather than what they were told to do. Lessons can be learned from their courageous acts.

For more information, contact Kathleen Walker, Ext. 7105 or kwalker@bnl.gov.

(cont'd)

the properties of materials that may lead to magneto-electronic devices on the scale of billionths of a meter for use in applications ranging from digital communication to data storage. His group performs this research using state-of-the-art electron microscopes that can magnify a sample up to 50 million times.

Zhu received his Ph.D. from Nagoya University, Japan, in 1987. After working at the University of Virginia as a research associate, he joined BNL in 1988 and was promoted to senior scientist in 2002. He is an adjunct professor at Columbia University's Department of Applied Physics and Mathematics and Stony Brook University's Department of Physics and Astronomy and Department of Materials Science and Engineering.

— Kendra Snyder

Learning About the Lab, and Sharing the Info: That’s the Envoy Program

“Mostly, you learn about things that may affect you or your neighborhood from local TV stations or the papers,” says Barbara Blenn of the Community Relations Office. “But if someone you know has more information about the topic, you usually appreciate getting an ‘inside story’ from them. If they also know where you can find out more about the whole subject, if you want to, it can be really useful. That’s why, about ten years ago, BNL started the Envoy program.”

Blenn explains that the Envoy program, which she now leads, is designed to provide any BNL employee who is interested with current information on research and other lab activities that can then be shared with family and friends.

“Over time, many BNL people have shown interest in becoming an envoy for the Lab,” says Blenn. “The response they get from the outside shows that the information they can give is very welcome. We now meet as a group every month, with a two-month summer break.”

At the Envoy meetings, Lab speakers come to address the group on a variety of topics



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Gathered with Envoy Program Manager Barbara Blenn (seated, second from right) are some of the Lab’s Envoys who meet each month to get information about BNL that they can share with people they know or meet.

At the February Envoy meeting, Steve Schwartz of the Environmental Sciences Department talked to the group about BNL research on atmospheric science.



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ranging from budget to research activities to administrative functions, and they encourage a dialogue. Envoys share news of their departments and external organizations, which provides valuable feedback to the Lab about local community areas of interest or concern.

BNL researcher Steve Schwartz recently gave a talk on global warming, an envoy-requested topic. Says Schwartz, “I was delighted to share the current atmospheric sciences research activities with the envoys. It was particularly useful that the talk ended with a question and answer segment. These folks are playing an important role in communicating information about the Laboratory and I was happy to be part of that process.”

Mastic Beach Property Owners’ Association President Robert DeBona says “We were one of the first organizations to get involved in the Lab’s Envoy program. At our meetings each month, our envoy, Jane Korop-sak, gives us updates on the Lab. Her attendance at our meetings has not only been informative, but it has given our members a real feeling of connection with the Lab. For example, our members now routinely attend concerts, talks, and Summer Sundays. We appreciate getting information directly from a Lab

person we know.”

Envoys can be thought of as the engine of a train that carries information about the Lab, not only to the external community, but to BNL’s internal community as well. If you are interested in becoming a member of this dynamic group or in learning more about the program, join the meetings on the second Wednesdays of the month in Building 490. For more information about the Envoy program, contact Blenn, Ext. 4458 or blenn@bnl.gov.

— Liz Seubert

Then & Now: Early Days at BNL
Selected Reminiscences of Retiree and Envoy Marilyn McKeown



I came to work at BNL in September 1947. The Lab had opened in March of that year but had already hired over 1,000 people. My life number is 1197. I had just graduated from college that spring and this was my first job. I can honestly say that I fell in love with Brookhaven and the surrounding area because it was very rural and I was happy being so close to water — the ocean on the south and the Long Island Sound to the north.

It was somewhat unusual in those days for women to major in physics as I had done, and I was delighted to be hired in a scientific position. My first job was in what was then called the Electronics Department, headed by Dr. J. Horner Kuper. His wife, Marietta Kuper, was a well-known, very colorful BNL employee (see photo and caption). Most of the buildings were the barracks left behind from the Army’s use during World War II and even some from World War I. My building is where the Post Office is today. The BNL glassblowers worked there also, and I became friendly with many of them, even though I was assigned to the detector group of the Electronics Department, which made Geiger counters and cloud chambers. I remember that high-energy physicists carried out experiments in the mountains in the west, mainly in Colorado, as big accelerators didn’t yet exist.

The science of these early days is documented elsewhere so my focus here is on life at the Lab. First, there were only barracks for men, so I had to find housing off site. The Lab was helpful and I found a rooming house in Patchogue with two other BNL women, who worked in the Biology Department. None of us had a car. However, one amenity provided at that time was a bus to and from the Lab. The bus ran during the day and in the evening, allowing me to stay late to work or participate in a social club.

At this time, the Smith Point Bridge to Fire Island did not exist, so many scientists had picnics at the ocean beach in Westhampton. The beach was less commercial then; it had no parking lot or boardwalk. We socialized around campfires (which were allowed at that time). At one of these picnics, I met well-known BNL researchers Maurice and Gertrude Goldhaber, with their two young boys. The atmosphere of the Lab then mirrored that of a college campus. Since both the number of buildings and employees was small, you knew almost everyone and there was a great feeling of friendship and camaraderie.

During these early days at BNL, I saw two major research facilities commissioned. One was the Brookhaven Graphite Research Reactor (BGRR), which started operating in 1950, and another, the Cosmotron, the first large accelerator (started 1952). I was saddened when the BGRR was

First Female Employee, Mariette Kuper



By the end of March 1946, before the Lab had a site or a name, it had its first two employees: Clarke Williams, a Columbia University physicist hired to help coordinate the pile project, and Mariette Kuper, wife of J. Horner Kuper (BNL’s first Electronics Department head) and ex-wife of mathematician John von Neumann. Her job history at the Massachusetts Institute of Technology Radlab during the war had included assembling radar sets, then rising to foreman and supervisor of the technical training program for female personnel and metal shop production. Highly recommended by Radlab veterans, she started work on March 27, 1946, as the executive aide to Lee DuBridge, ex-Radlab Director, who headed the Initiatory University Group that was planning BNL in 1946. As explained by Lab Historian Robert Crease of Stony Brook University in his book, *Making Physics*, Kuper’s first task on the job was “to figure out how to get herself hired, cleared, and paid.” Fascinating stories from Crease about these and other times include unforgettable glimpses of Mariette Kuper’s forceful charm, outstanding organizational ability, social grace, amazingly outspoken vocabulary, and “formidable” martinis — a rare combination that was to contribute to Lab history for some 28 years.

— Liz Seubert

I would be one small part of the advancement of science for women and for the world. For me, 1947 was the beginning of a great career and the starting point of lifelong friendships. Simply stated, the Lab was the perfect place to work.

Note: Marilyn McKeown is retired but remains active in her community and serves as an Envoy for the Lab (see related story above). Her full reminiscences are available on page 5 of this week’s Bulletin pdf file, www.bnl.gov/bnlweb/pubaf/bulletin/2007/bb030207.pdf.

One-on-One Retirement Counseling

A TIAA-CREF consultant will visit BNL on Wednesday, March 14, and Tuesday, March 20, to answer employees’ questions about financial matters including: understanding the importance of protecting assets against inflation; finding the right allocation mix for you; learning about TIAA-CREF retirement income flexibility; comparing lifetime income vs. cash withdrawal options. For an appointment, call Arlene Lyons, (866) 842-2053, Ext. 4629.

Arrivals & Departures

— Arrivals —
Ian BlacklerCAD
Phyllis LucasFac. & Oper. Dir.
Yolanda Small Comp. Sci. Ctr.
Shuwei Ye Physics
— Departures —
Jacob BlackfordNNS
William Chase C-AD
Mark Fuhrmann Env. Sciences

Daffodil Days

BERA will again send daffodils to benefit the American Cancer Society. The donation is \$10 for a bunch of ten fresh cut daffodils. Delivery will be made during the week of March 19. Your prepaid order can be made at the BERA Sales Office in Berkner Hall, weekdays, 9 a.m. – 3 p.m.

CALENDAR

— WEEK OF 3/5 —

Thursday, 3/8

Summer Camp Expo
11 a.m.-1:30 p.m. Local Long Island summer camps will have info on their facilities & registration. Contact Liz Gilbert, Ext. 2315 or gilbert@bnl.gov, and see notice on page 4.

Community Advisory Council Mtg.
6:30 p.m. Berkner Hall, Room B. CAC member organizations represent many local interests. Meetings are open to all, during the comment period, community members may voice opinions, concerns.

Friday, 3/9

*Irish, Gaelic Bands in Concert
8 p.m. Berkner Hall. Irish band Black 47 and Celtic Roots band MacTalla Mor celebrate St. Patrick’s day, sponsored by the BNL Music Club. Tickets: \$20 at the BERA Store or \$25 at the door. See notice, page 4. Also, the Music Club needs experienced lighting and sound volunteers to help for this performance. Joe Vignola, Ext. 3846.

Saturday, 3/10

*Defensive Driving Course
9 a.m.-3:30 p.m. Berkner Hall, Room B. \$30/person. For registration info, see notice, page 4.

*Holi Festival of Colors
1:30 p.m. Berkner Hall. The BERA Indo-American Association will present a Holi Function, a festival of traditional songs, dances, music. All welcome. Visitors to the Lab of 16 or over must carry a photo ID. For more details on the show and tickets (\$6 adults today) see notice, page 4.

— WEEK OF 3/12 —

Wednesday, 3/14

BSA Noon Recital, Quartet
Noon. Berkner Hall. Cellist Tomoko Fujita brings the Bryant Park String Quartet to perform works by Haydn, Dvorak, and Ives. All are welcome to this free concert, sponsored by BSA. Visitors to the Lab of 16 or over must carry a photo ID.

— WEEK OF 3/19 —

Wednesday, 3/21

*BNL-60 All-Employee Photo
Noon. Field beside Police HQ. All Lab community, retirees too, invited to form a living B-N-L 6-0, to be photoed & videoed from the tower. Join in! See also notice, page 3.

*BNL 60th Anniversary Review
4 p.m. Berkner Hall. Six decades of BNL history reviewed through music, dance, photos, personal memories. All are welcome. Cake, coffee to follow.

— WEEK OF 3/26 —

Wednesday, 3/28

423rd Brookhaven Lecture
4 p.m. Talk by Mei Bai of the Collider-Accelerator Department on “RHIC: the World’s First High-Energy, Polarized-Proton Collider.” All are welcome to this free lecture. Visitors to the Lab of 16 and over must carry a photo ID.

Early Days at Brookhaven National Laboratory

Reminiscences of Retiree Marilyn McKeown

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It was somewhat unusual in those days for women to major in physics as I had done, and I was delighted to be hired in a scientific position. My first job was in what was then called the Electronics Department, headed by Dr. J. Horner Kuper. His wife, Mariette Kuper, was a well-known, very colorful BNL employee. Most of the buildings were the barracks left behind from the Army's use during World War II and even some from World War I. My building is where the Post Office is today. The BNL glassblowers worked there also, and I became friendly with many of them, even though I was assigned to the detector group of the Electronics Department, which made Geiger counters and cloud chambers. I remember that high-energy physicists carried out experiments in the

mountains in the west, mainly in Colorado, as big accelerators didn't yet exist.

The science of these early days is documented elsewhere, so my focus here is on life at the Lab. First, there were only barracks for men, so I had to find housing off site. The Lab was helpful and I found a rooming house in Patchogue with other BNL women. My two roommates worked in the Biology Department. None of us had a car, so we depended on a carpool to get to work. However, one amenity provided at that time was a bus to and from the Lab. The bus ran during the day and in the evening, allowing me to stay late to work or participate in a social club.

After several months, a few women who shared an apartment in Bellport invited me to move in with them. This apartment was located right on the Great South Bay at the end of Brown's Lane. Since I often stayed late at the Lab the bus would drive me all the way — door to door service!

I remember that the winter of 1947-1948 was very cold with a lot of snow and ice. The Great South Bay stayed frozen for a long time. It was my first experience with ice boating, and my roommates and I shared a lot of laughs while attempting to learn this new sport.

At this time, the Smith Point Bridge to Fire Island did not exist, so many scientists had picnics at the ocean beach in Westhampton. The beach was less commercial then; it had no parking lot or boardwalk. We socialized around campfires (which were allowed at that time). At one of these picnics, I met well-known BNL researchers Maurice and Gertrude Goldhaber, who came there with their two young boys.

The atmosphere of the Lab then mirrored that of a college campus. Since both the number of buildings and employees was small, you knew almost everyone and there was a great feeling of friendship and camaraderie.

I met my husband in the summer of 1948 when he came to the Lab as a summer student. We were married in June 1949. He was working for the Goldhabers, and we decided to follow them to the University of Illinois where they moved in January 1950. When we arrived, we were informed that University policy did not allow a husband and wife to work in the same department, so I decided to enroll as a graduate student. Eventually, the Goldhabers returned to BNL, and after I obtained my masters degree in 1951, my husband and I did the same and returned to work at the Lab.

During these early days at BNL, I saw two major research facilities commissioned. One was the Brookhaven Graphite Research Reactor (BGRR), which started operating in 1950, and another, the Cosmotron, the first large accelerator (started 1952). I was saddened when the BGRR was replaced by the High Flux Beam Reactor (1965), but it was all part of the progression of science.

In 1954, I stopped working to raise a family, but I returned to work at the Lab part-time in 1960 and continued working until 1993 in the Solid State Physics Group in the Physics Department.

I remember those early years as a carefree, happy time. Over the years I made many friends and watched the Lab acquire Nobel prizes and achieve many scientific accomplishments. I didn't know that when I signed on in 1947 that I would be one small part of the advancement of science for women and for the world. For me, 1947 was the beginning of a great career and the starting point of lifelong friendships. Simply stated, the Lab was the perfect place to work.

Note: Marilyn McKeown is retired but remains active in her community and serves as a Lab Envoy in the community.