

BREA NEWS

www.bnl.gov/bera/activities/brea/

Volume 17, Issue 6

November/December 2017

BREA Meetings

BREA meetings are held on the second Tuesday of every month (except for August), at 1 p.m. in one of the conference rooms in Bldg. 400 (except where noted).

All BREA members are invited to attend and participate.

Meeting Schedule

November 14, 2017

December 12, 2017

January 9, 2018

BREA Officers

President

Liz Seubert

liz.and.ev@gmail.com

Vice President

Bob Kinsey

bobkin@optonline.net

Secretary

Arnold Moodenbaugh

moodenba@optonline.net

Treasurer

Steve Shapiro

shapiro@bnl.gov

Newsletter Editor

Mona S. Rowe

msrowe.hi@gmail.com

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Can you spot BREA members Ronnie Evans, Eena-Mai Franz and Liz Seubert in this cropped photo? Turn to page 3 for the full 70th anniversary shot, taken by BNL photographer Roger Stoutenburgh.

**70 YEARS OF
DISCOVERY**
A CENTURY OF SERVICE

From the President

by Liz Seubert, liz.and.ev@gmail.com

Greetings, BREA Members,

Here goes for my last "President's Message" to you as my two-year term draws to a close. It has been an exhilarating time, running smoothly due to the dedication of the BREA officers, the extra support of members who took on special tasks, and the helpful suggestions and advice of regular (and irregular) attendees of our meetings. Thank you all so much for all your thoughts and efforts, I appreciate your commitment more than I can say.

One achievement has been that retirees' spouses are now definitely allowed to retain their badges to enter the site. A formal policy will appear in the newsletter soon. In the meantime, spouses, before your badge expires (every two years) be sure to renew it at the Badging Office, Bldg. 400.

Those of us who participated in the great 70th anniversary photo had fun. We tried to form a BREA group, but we were herded here and there to fill up gaps. You'll have to search through many tiny heads to find our distinguished but scattered contingent!

As the leaves turn and fall and the holiday season revs up, Lab activities can be inviting. BERA arranges events and trips – see

(continued on page 4)

New BREA Officers Nominated

Candidates for BREA officers for the January 2018 through December 2019 term are listed below, along with their biographies. Write-in candidates are accepted, in accordance with BREA's bylaws. If a candidate receives a positive vote on a majority of the ballots returned, that candidate is elected. Note that returning a ballot but not voting for a candidate is the equivalent of a "NO" vote. If any candidate does not get a majority vote, the office will be left vacant until another election.

The ballot includes a slate of officers put forth by the BREA Nominating Committee as well as space for write-in candidates. **Please mail your ballot to BREA so it arrives by December 11, 2017.**

Steve Shapiro for President

Steve Shapiro has been serving as BREA treasurer since 2011. He worked at BNL for 37 years before retiring in 2008. A condensed-matter physicist studying phase transformations, he did most of his research at the High Flux Beam Reactor. During his career at BNL, Steve served as Associate Chair of the Physics Department, supervising the solid state program; Chair of the Brookhaven Council; and member of the Diversity Advisory Committee and several incident-investigation committees. He currently has a guest appointment and is a frequent visitor to the Laboratory. He resides in Wading River.

Bob Kinsey for Vice President

Bob Kinsey came to BNL as a high energy physicist in 1967. A couple of years later, he transferred to the National Nuclear Data Center, where he worked until he retired in 2001. Bob played BERA softball and was an active member of the BNL Theater group. "I joined BREA in 2011 and have enjoyed the annual luncheons," he says. "I'm now a regular attendee of the monthly BREA meetings. My wife and I are enjoying our retirement, travel, and family."

Arnold Moodenbaugh for Secretary

Arnie Moodenbaugh worked at BNL for 36 years, primarily doing materials science and solid state research, often as a user at the National Synchrotron Light Source and the High Flux Beam Reactor. He graduated from Portland State University (BS) in Oregon and then from the University of California, San Diego (PhD). Later in his BNL career, he served as Technical Equipment Coordinator for the Center for Functional Nanomaterials construction project and Materials Science Department Safety Coordinator. These assignments gave him the opportunity to interact with a wider range of employees, including many working in facilities & operations and in environment, safety and health. He retired in January of 2014. Says Arnie, "I believe BREA provides useful information to retirees, especially with respect to the changes in health benefits. The organization also plays a role in providing useful input to and support for BNL."

Lillian Kouchinsky for Treasurer

Lillian Kouchinsky organized BREA's annual luncheon for the past three years. During her 47 years at the Laboratory, she worked for seven Lab directors; interacted with elected officials, from the federal level to the town level; interfaced with many Department of Energy directors and their staff; and had dealings with a number of local organizations, including the Long Island Association. Her position also permitted her to know many of the Nobel Prize winners associated with BNL. Retired four years now and enjoying retirement with her husband, Lillian commented, "Brookhaven provided me a very rich and rewarding working career. I had the privilege of working with the best and brightest people."

Ballot for BREA Officers

President

☐ Steve Shapiro

☐ _____

Vice President

☐ Bob Kinsey

☐ _____

Secretary

☐ Arnold Moodenbaugh

☐ _____

Treasurer

☐ Lillian Kouchinsky

☐ _____

Please vote and mail your ballot to: BREA c/o BERA
Brookhaven National Laboratory
Bldg. 400
Upton, NY 11973

BNL Celebrates Twin Anniversaries

The year 2017 marks two milestone anniversaries for Brookhaven Lab: 70 years since the Laboratory's founding in 1947 and a century since the 1917 founding of Camp Upton, the former U.S. Army base where the Lab operates today. At the same location where soldiers passed through for two world wars and Irving Berlin wrote "God Bless America," BNL leads and collaborates with some of the world's brightest minds — as an asset for innovation and inspiration with seven Nobel Prize-winning discoveries and countless other advances, supporting the U.S. Department of Energy's mission to discover the solutions that power and secure the nation's future.



BNL's user facilities are so large and complex that it takes the resources of the federal government to build and operate them in order to provide researchers with the tools of modern science. Today, the National Synchrotron Light Source II, the Relativistic Heavy Ion Collider and the Center for Functional Nanomaterials are recognized as national scientific user facilities. Especially for retirees, a look back in time brings memories of these other big machines.

Reactors as Research Tools

- The Brookhaven Graphite Research Reactor (BGRR) was the Laboratory's first big machine and the first peace-time reactor built in the United States following World War II. The reactor's primary mission was to produce neutrons for scientific experimentation and to refine reactor technology. At the time, the BGRR could accommodate more simultaneous experiments than any other reactor. Scientists and engineers from every corner of the U.S. came to use the reactor, which was not only a source of neutrons for experiments, but also an excellent training facility.
- Building upon experience gained with the Brookhaven Graphite Research Reactor, the High Flux Beam Reactor was designed to probe the nature of matter even more deeply. During its 31 years of operation, the reactor achieved an enviable record as a dependable source of neutrons, the subatomic probes crucial to a wide array of scientific research programs.
- The Brookhaven Medical Research Reactor was the first in the nation to be constructed specifically for medical research.

Leadership in Particle Accelerator Design

- Early in BNL's history, the consortium of universities responsible for founding the new laboratory decided on a facility for high energy physics research. The new machine would accelerate protons to previously unheard of energies, comparable to the cosmic rays showering the earth's outer atmosphere. It was called the Cosmotron.
- The Alternating Gradient Synchrotron (AGS) was built on the innovative concept of the alternating gradient, or strong-focusing, principle, developed by Brookhaven physicists in the 1950s. This breakthrough in accelerator design allowed scientists to accelerate protons to energies that would have been otherwise unachievable. Three discoveries made at the AGS each won the Nobel Prize in physics.
- When the National Synchrotron Light Source came online in 1982, it became one of the world's most widely used scientific facilities. Across more than three decades of operation, over 19,000 users conducted experiments leading to many discoveries and two Nobel Prizes, both in chemistry.

Renew BREA Membership

Membership expires on December 31 of every year no matter when you paid your dues (which are requested by January 31 of the following year). To stay on BREA's mailing list, complete the form below and mail it to me along with your payment. Include your email address so BREA can send you timely information.

If you have questions or if your contact information has changed, send me an email at hellobylin@yahoo.com.

PLEASE PRINT

Last name: _____ First name: _____ MI: _____

Street: _____ City: _____ Zip+4: _____

Phone: _____ Email: _____

Membership type:

☐ annual (\$10) ☐ 5 years (\$40) Life ☐ (\$95)

Dues cover year(s) _____

Date: _____ Check amount: _____

MAKE CHECK OUT TO BREA

☐ I want to receive BREA News by mail via the U.S. Post Office.

☐ I want to receive BREA News by email only. Do not mail it to me via the U.S. Post Office.

Mail form and check to:

Beth Lin, BREA Membership Chair
81 Westchester Drive
Rocky Point, NY 11778

– Beth Lin, Membership Chair
hellobylin@yahoo.com

In Memoriam

We deeply regret to inform you of the passing of the following retirees:

Harold Avant, 84, May 10, 2017
Elizabeth Jellett, 86, January 22, 2017
Robert E. Meier, 84, July 28, 2017
George Meyerhoefer, 87, February 25, 2017
Howard R. Pate, 93, April 22, 2017
Robert W. Spencer, 96, September 23, 2017

More information may be found at BREA's website:
www.bnl.gov/bera/activities/brea

To post an obituary for a deceased BNL employee or retiree, send information by email to msrowe.hi@gmail.com or by snail mail to BREA's address in the panel below.

President's Message (continued)

lights in the city, join theater jaunts, etc. Go to the BNL website and put BERA in the search box, top right. It's all there.

Have a happy Thanksgiving, Christmas, and all special holidays, and try and invite people you know are lonely. It makes an even happier day, and maybe they'll like eating the annual pumpkin pie made by a darling relative no one can bring themselves to inform that gourmet cuisine it is not!

– Liz Seubert, liz.and.ev@gmail.com

Brookhaven Retired Employees Association

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