



**FALL 2011**

**Volume 4**

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**EX-Ls EXPRESS – Fall 2011**

Published Quarterly at the end of January, April, July, and October

Editor: Louise Vogelsberg

**Deadline for Newsletter submittals is 7 days after the Board meeting.**

**EX-Ls BOARD OF DIRECTORS**

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Editor EX-Ls EXPRESS:	Louise Vogelsberg
Webmaster – <a href="http://www.lbl.gov/EX-Ls">www.lbl.gov/EX-Ls</a>	Richard Baker

**CALENDAR OF BOARD MEETINGS & LUNCHEONS:**

<b><u>Board:</u></b>	<b><u>Luncheons:</u></b>
January 13, 2011	February 17, 2011
April 14, 2011	May 19, 2011
July 14, 2011	August 18, 2011
October 13, 2011	November 17, 2011

Board Meetings start at **3:00** on the dates listed above, usually in 54-130B (that’s in the conference room addition to Perseverance Hall at the Cafeteria) at the Lab, but subject to change at the last minute, so check with a Board member if you plan on attending. We welcome attendance by interested members.

**PAST PRESIDENTS:**

Richard Sextro – 2010	Paul Hernandez – 1998
Don Grether – 2009	Clay Sealy – 1996-1998
Jose Alonso – 2008	Igor Blake – 1994-1996
Janis Dairiki – 2007	Conway Peterson – 1992-1994
John Kadyk – 2006	Howard Browne – 1990-1992
Gene Binnall – 2005	Ethel Skyrdlinski - 1989
Sig Rogers – 2004	Al Amon - 1988
Bob Fulton – 2003	Ken Lou – 1987
Bob Birge – 2002	Virginia Cherniak - 1986
Per Dahl - 2001	Bill Bigelow - 1985
Tom Beales – 2000	Ted Bowers – 1981-1984
Ken Mirk – 1999	

**EX-Ls Honorary Life Members:**

Shirley Ashley	Inge Henle
Esther Colwell	Bud Larsh

**OFFICE ADDRESS:**

LBNL EX-Ls  
530 Curtis Street  
Albany, CA 94706

**Photo Site:** <http://.picasaweb.google.com/exLpics>

**Photo Czar:** Ned Dairiki

**Website:** [www.lbl.gov/EX-Ls](http://www.lbl.gov/EX-Ls)

**Webmaster:** Richard Baker ([xrobaker@comcast.net](mailto:xrobaker@comcast.net))

**WELCOME NEW MEMBERS in 2011:**

Robert Belshe	Gloria Lozano-Acosta
Ike Turiel	Diana Morris
Ron Yourd	Marcy Santana
John Girman	Paul Banchemo
Bill Golove	Patricia Butler
Norman Edelstein	Tom Henderson
David Edgar	Jim Hinkson
Jose Olivares	John Musante
Paul Salz	Lauretta Corsair

**MEMBERS WITH NO CURRENT ADDRESS**

Tom Elioff	Elliott Hewit
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**MEMBERS DECEASED IN 2011**

Donald Jourdain 3/18/11	Per Dahl 10/11
Blair Jarrett 10/29	

Berkeley Lab has a great legacy of accomplishments that have shaped modern science and technology. The awarding of the 2011 Nobel Prize in Physics to Saul Perlmutter brings this to the forefront. However, it also reminds me how quickly the accomplishments of the past are overshadowed by the dynamics of the present at Berkeley Lab. We have had a number of events and activities. A sad note is the passing of Per Dahl, EX-Ls President 2001. Eleanor and Per were so much a part of the EX-Ls, and have been regular attendees at Board of Director meetings and luncheons. Per came to the Berkeley Lab to work on the Superconducting Super Collider design team. He was an expert in superconducting magnets. I had almost forgotten that LBNL had the SSC design team on site. As you read "In Memory of Per Dahl" you will be struck by his rich intellectual life and his contributions and connections to key science and technology milestones. I turn now to a more joyous event, the Cirque De Science Open House celebration. EX-Ls were able to secure a booth in one of the main areas, the cafeteria parking lot. Rich Sextro, with a great never-say-die attitude, recovered the model of the Bevatron and did some renovations. Richard Jared and Vicky provided a display and video of the building of the Keck Telescope. I had periodic tables signed by Albert Ghiorso, discoverer of 12 elements. Visitors from the community stopped by to view the displays and hear stories of these facilities and accomplishments each having rich but fading legacies today. The Bevatron model attracted many current and retired LBNL staff who added their own stories. How many more legacy stories do we have as hidden treasures in the artifacts and memories of our members? We have proposed to the Lab the idea of capturing short legacy talks by members of the EX-Ls that can be posted on the LBNL web site.

The results of the survey of Berkeley Lab retirees are being analyzed by the Ad Hoc Survey Committee and Janis Dairiki reports on preliminary findings. It is clear that we retirees remain active professionally and in-service to the community. Laboratory Director Paul Alivisatos has made community relations a priority and we believe that EX-Ls members can be an important liaison of good will for the Lab, as recently demonstrated at the Open House and at the Solano Stroll. Watch for volunteer opportunities to assist the Lab with its photo archives.

The quarterly EX-Ls luncheons continue to be well attended. Doug McWilliams captivated us with his life story as a photographer. The luncheons are one of the primary activities fulfilling the purpose of the EX-Ls Association.

Another purpose is to be a vehicle for maintaining contact with the Lab. One EX-L member recently told me that he was turned away at the gate when he tried to visit and left. There are two ways to avoid this. First, obtain a retiree ID from the Site Access office (Building 65A) at the Lab. To issue an ID the Site Access office requires that you bring a form signed by the HR representative of the Division from which you retired. Contacting your Division is the first step to obtaining an ID that will allow you access to the Lab. Second, you can contact someone you know at the Lab to serve as your host and they will submit on-line a one day pass request that will be emailed to you. If you do not have a contact then let me or a member of the Executive Committee know and a host can be found. We are using email more frequently to advise members of the opportunities and events of interest. To avoid missing deadlines I suggest you keep a daily watch for messages from Dick Baker. If you do not have him listed as Dick Baker in your email address list it will likely show up as [xrobaker@comcast.net](mailto:xrobaker@comcast.net).

This is my final report as 2011 President of EX-Ls. I want to acknowledge the following folks who have served multiple years, are the mainstay of the EX-Ls Association, and have contributed so much this past year: Richard Baker our Web master, Louise Vogelsberg - Newsletter Editor, Dave Stevens - past Newsletter Editor; Don Grether and Rich Sextro both Past Presidents active on Ad Hoc committees and representatives to the UC Berkeley Retirement Center; Janis Dairiki representative to the retirement organizations, CUCRA and AROHE and chair of the LBNL retired employee survey ad hoc committee; Vicky Jared, our activities coordinator, who not only coordinates the logistics of the luncheons but takes the lead in representing EX-Ls at events such as the Solano Stroll and Open House to mention two this year. Thank you Vicky for your joyful contributions. Karen Springsteen, our Secretary, whose talent at creating precise and accurate minutes of our Board of Directors Meetings is a near miracle given the actual discussion. Thank you Karen for keeping us on track; Suzanne Stroh, our Treasurer and Membership Chair, whose attention to detail, records and policy history provides great assurance to those of us who are in and out of our leadership roles in one year. Thanks Suzanne for your often sage advice. My thanks to past and future EX-Ls Presidents. A special thanks to Rich Sextro and Janis Dairiki, Don Grether and Jose Alonso for your continued involvement and advice. I thank Joe Jaklevic and Trudy Forte for their leadership, and wish them every success.

## **"THE BEVATRON DEMOLITION PROJECT"**

**Luncheon Speakers for November 17, 2011**

**Speakers: Joe Harkins, Project Director and  
Bob Cronin, Project Manager**

For most of us who worked at LBNL for any number of years, the signature facility that defined the landscape of the hill was the Bevatron. Constructed in the early 1950's, it quickly proved its worth by facilitating the discovery of the anti-proton. It remained a dominant facility in the development of particle physics and later nuclear science until it was turned off in 1993. In the years following, there was considerable planning for its decommissioning followed by the eventual demolition of the facility. The luncheon speakers will describe this phase of the Bevatron's history.

Joe Harkins has been at LBNL for the past 22 years where he has worked in the Facilities Division (previously "Plant Engineering") as well as in the ALS Division.

One of Joe's first efforts was the proposal for the seismic upgrade of building 90 following the Loma Prieta earthquake. Joe also managed the design and construction of the Hazards Waste Handling Facility and numerous other lab renovations.

In 1996 Joe joined the ALS Division and managed the design and installation of the Super Bends, the Third Harmonic Cavities and multiple maintenance shutdowns at the ALS. In 2002, Joe rejoined the Facilities Division to manage the Molecular Foundry Project, which was completed in 2006. He then became the project director for the Bevatron Demolition as well as the ALS User Support Building and Helios construction projects. Joe is currently working in the pre-conceptual plans for the Next Generation Light Source (NGLS).

Bob Cronin has 30 years experience in the nuclear industry, including with commercial nuclear power projects and DOE nuclear decontamination and decommissioning projects. Bob has worked on numerous projects, including Bechtel's design & construction of Pennsylvania's Limerick Nuclear Generating Station, the clean-up of the DOE Hanford tank farms, and the closure of the DOE Rocky Flats Environmental Technology Site. Bob has managed the demolition of the Juggernaut research reactor at Argonne National Laboratory, the Atomic Vapor Laser Isotope Separation (AVLIS) system at LLNL, and the Ford nuclear reactor at University of Michigan.

In September 2007, Bob was contracted to work as the project director for the Bevatron demolition. Bob expects to finish the Bevatron demolition project late this year.

The talk will highlight the course the project took from

Bevatron shutdown to project approval, the plans for demolition and how these were modified and executed by the contractor, and the lessons learned along the way. A pictorial recap of the demolition will be presented. The talk will also touch on the environmental process, the political/public challenges and the Bevatron Farewell event.

## **COMMUNITY RELATIONS UPDATE**

In October, the Berkeley Lab hosted 4,500 community members at the Open House. This year's theme was "Cirque Des Sciences" and featured exhibits from cosmology to nano materials. For more information and pictures from the event, go to <http://today.lbl.gov/tag/open-house/>

Finally, the Lab continues to gather and analyze data in the site selection process for the Berkeley Lab Second Campus. The announcement of a preferred site is scheduled for the end of November.

Armando A. Viramontes  
Community Relations Representative  
Public Affairs  
Lawrence Berkeley National Laboratory  
(510) 486-6251

## **Chancellor's Reception – Sept. 27, 2011**

Thirteen LBNL retirees and EX-Ls Board officers Trudy Forte, Vicky Jared and Rich Sextro, along with Eugene and Myrna Binnall and Richard Jared attended the UC Chancellor's Reception, Honoring New Retirees. The event was held on September 27, 2011 at the University House on the UC Berkeley campus. UC Berkeley Retirement Center sponsored the reception of 150 attendees. Chancellor Robert Birgeneau gave welcoming remarks, Patrick Cullinane, Director, UCBRC spoke of the benefits of joining the UCB Retirement Center and Rich Sextro, LBNL retiree and Chair of the Retirement Center Policy Board introduced the Policy Board and Association Representatives. Excellent refreshments were served, jazz music played in the background, and time was allowed for socializing and greeting retirees and enjoying the picturesque setting on campus.

**15 Years:** Next year will mark the 15<sup>th</sup> anniversary of the Retirement Center. An anniversary committee is meeting to plan a variety of activities for the year. Rich Sextro, current Center advisory board chair and Ex-Ls Past President, is on the committee. If you have ideas or suggestions for the committee, feel free to share them with Rich.

**Eugene Binnall – Retiree of Distinction:** Over the years, the Center and the Lab have been served well by dedicated individuals. In the last issue of the Center newsletter, Gene Binnall's 38 years of service at the Lab were noted as well as his service on the Ex-Ls Board of Directors and the Center's Policy Board -- <http://thecenter.berkeley.edu/pdf/cpfall11.pdf>. Staff at the Center have a special fondness for Gene as he frequently just drops by with a delicious coffee cake for our enjoyment.

**May 2012 Retiree Conference:** Next May the Retirement Center, the campus Aging Resource Center and campus Human Resources will present a one day conference at the Berkeley City Club on issues and resources for retirees to successfully manage the latest chapter in their lives. Around a developing conference theme of Aging with Purpose and Passions, there will be sessions on finances, legal considerations, lifelong learning, wellness, volunteering and service, and the journey of aging. If you have any thoughts to share about this upcoming conference, send me an email at [pcullinane@berkeley.edu](mailto:pcullinane@berkeley.edu).

**Surveys make a Difference:** The EX-Ls survey is already bearing fruit at the Retirement Center. The response from 15% of you indicated you were in a caregiving role. This response plus the responses from other retirees in our recent survey and participation in the UCB Elder Care Program sessions has stimulated the Center to launch a collaborative effort with the campus Elder Care Program to offer a retiree caregiver support group. By the time you read this, those of you with an email address on file at the Center will have received a questionnaire about your interest and preferences for a caregiver support group. We will be using that feedback to develop a group that will be offered in private, confidential space at the Retirement Center.

**Upcoming Elder Care Sessions: Understanding Dementia Behaviors and Communication**

*Family Caregiver Alliance*, Thursday Nov. 3 12:10-1:30 pm

**Caregiving and the “Holiday Blues”**, *Maureen Kelly, Elder Care Counselor, CARE Services* Tuesday Dec. 6 12:10-1:30 pm.

The campus Elder Care Program offers these free classes at the Tang Center on Bancroft Way. To register for

any of these programs, contact Care Services at (510) 643-7754 and identify yourself as a retiree.

**Service Volunteer Opportunity: Chabot Space & Science Center**

Chabot Space & Science Center volunteers make earth and space science come alive for visitors through interactive and hands-on experiences. If you are looking for something to do on an occasional basis to help educate students and the community about the work we do, become a Chabot Ambassador (holidays, days, weekends, evenings) and share our programs with the community through outreach. For more information on our volunteer program, visit <http://www.chabotspace.org/adult-volunteers.htm> or contact the Volunteer Department at 510-336-7395 or [Volunteers@ChabotSpace.org](mailto:Volunteers@ChabotSpace.org).

**Last Learning in Retirement (LIR) Series for the Fall: The University In Hard Times: Radical Changes or Stay the Course**, *Organized by Professor Stephen Weiner and Professor Emeritus Mac Laetsch*. A panel discussion on the continuation of the Multiversity as a valid model. All lectures 2pm-4pm.

Tues. Nov. 8, 2011: Steven Weiner, former Dean, School of Education and Larry Hershman, former Vice President for Budget, University of California

Tues. Nov. 15, 2011: Charles E. (Chuck) Young, former Chancellor, UCLA, Judson King, Director, Center for Studies in Higher Education, and Henry Brady, Dean, Goldman School of Public Policy and Professor Dept. Political Science.

There are no enrollment fees for Learning in Retirement (LIR) courses, but advance registration is required. Please call the Center at 510-642-5461 or email [ucbrc@berkeley.edu](mailto:ucbrc@berkeley.edu) to register; course location will be provided with your confirmation.

**German Voices: Memories from Life in Hitler's Reich:**

The Center is cosponsoring with the Faculty Club a very interesting program by Professor Emeritus Frederic C. Tubach; Thursday, Dec. 1, 2011, UC Berkeley Faculty Club; \$10 for Faculty Club Members and Retirees, \$15 for others. Professor Tubach will discuss his new book in which he returns to the country of his roots to interview average Germans who, like him, came of age between 1933 and 1945. Tubach sets their recollections and his own memories into a broad historical overview of Nazism—a regime that shaped minds through persuasion and coercion.

4:30 pm: Wine and Cheese Reception -- 5:00 pm: Presentation -- 6:00 pm: Optional Early Bird Club Dinner for \$13.95. Advance Registration is required; contact Mayra at the Faculty Club to register, 510-540-5678, ext 224.

**Parking for Center Sponsored Programs and Events:**

Retirees are eligible to purchase daily "C" parking permits for \$5 each to attend Center events. Send a check or money order to the Center to be received at least a week in advance of the program; include \$2 for postage and handling costs. Permits are for Center programs only. You may purchase permits in person at the Center during drop-in hours, M-F, 1-4pm. Call 510-642-5461 before dropping in to be sure that staff is available to assist you.

**Pre-Retirement Planning Program:** Thanks to HR staff at the Lab, we have 23 LBNL employees participating in the fall Pre-Retirement Planning Program. The six program series offers employees a comprehensive review of key retirement issues. It is designed to help employees begin to define their next chapter after full time employment at the Lab.

**Cal Connections:** As a retiree, you can access a wide variety of campus related program discounts through our Cal Connections. To review these discounts go to <http://thecenter.berkeley.edu/connect.shtml>. Show your retiree ID card to access the discounts. If you need an ID card, contact the Center and request one. They are free. Be well.

Patrick Cullinane, Director  
UCB Retirement Center

**OPPORTUNITY TO SERVE ON EX-LS' 30<sup>TH</sup>  
ANNIVERSARY COMMITTEE**

**by Don Grether**

Laboratory Director David Shirley established EX-Ls (then known as EX-L's) in 1982. The Spring 2002 edition of EX-L's EX-PRESS was the "20<sup>th</sup> Year Anniversary Issue" and has a considerable amount of information about the founding of EX-Ls and what the association had done over those first 20 years. It's on our website that you may reach by going to E on the Lab's A-Z Index or directly at <http://www.lbl.gov/EX-Ls>. Then click on EX-Ls EX-PRESS Newsletters. I encourage you to download the PDF file as I think you will find it very interesting.

EX-Ls' 25<sup>th</sup> Anniversary was in 2007. An ad-hoc committee decided to not recommend a special event, but rather take note of the anniversary at the November luncheon at the Berkeley Yacht Club. We did have the honor of having Lab Director Steve Chu give the after-luncheon talk, and the dining room was decorated with balloons and photos of EX-Ls' members when they were still working at the Lab. We also had a grand celebration cake.

The year 2012 will be our 30<sup>th</sup> Anniversary. At the EX-Ls Board meeting on October 13 we very briefly discussed the anniversary, but took no action other than to form an ad-hoc EX-Ls' 30<sup>th</sup> Anniversary Committee that would report back to the Board with recommendations. I agreed to be the Chair. We also agreed that we would invite members of EX-Ls (not just Board members) to be on the Committee, which is the purpose of this article. If you are interested in serving on the Committee, or would just like to provide comments or advice, then please email me at [DFGrether@yahoo.com](mailto:DFGrether@yahoo.com). If you do not use email, then you could talk to me or provide me with a written note at the November luncheon or call me at 510-527-6220.

**UCB RETIREMENT CENTER ANNOUNCEMENT**

**OPPORTUNITY TO SING!**  
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We are Tangy Voce, a small chorus of men and women who sing and perform on the UCB campus, led by Louise "Bunny" Stevens, a professional musician and conductor, retired from Head Royce School, with decades of experience in working with singers. We meet at the Tang Center, University Health Services, from 12:00 to 1:00 pm each Tuesday and perform several times a year.

We sing all sorts of music, from classical to pop, and our singers are many different levels of experience, but learning at every rehearsal. There are opportunities to solo.

We are a supportive group, have lots of fun and make good music together. Retirees welcome. Please email Bunny at [stanbun7573@gmail.com](mailto:stanbun7573@gmail.com) if you are interested in checking us out.

*Written by: Peter Wanderer, Brookhaven National Laboratory, NY, Eleanor Dahl, Emeryville, CA, Erik J. Dahl, Pebble Beach, CA and Thomas F. Dahl, Westford, MA*

Per Fridtjof Dahl, a physicist, artist, and historian of modern physics died on October 1, 2011 after a two-to-three year-long struggle with lung cancer.

Per Dahl was born at Georgetown Hospital in Washington, D.C., on August 1, 1932. His parents were Odd Dahl, from Drammen, Norway, and Anna Augusta (Vesse), from Eau Claire, Wisconsin. Dahl was born while his father was working at the Carnegie Institution in Washington, D.C. In 1936, his father saw the war coming and decided to take his family back to Bergen, Norway. He returned to Norway in 1937 to oversee science in Norway during the war.

Dahl grew up in Bergen, Norway, from the age of 4 until he was 17. He then came to the U.S. and served three years in the U.S. Army, including two years stationed on Guam in the Pacific. Taking after his father, Dahl was interested in science and physics from an early age. He studied science during his Army years, and after leaving the service he entered the University of Wisconsin, obtaining his Ph.D. in Physics in 1960. His post-doctoral work was done at the Niels Bohr Institute in Copenhagen, Denmark.

Per Dahl came to Brookhaven National Laboratory (BNL) in 1963. He arrived at a time when superconductors were beginning to move from laboratory development to industrial production. At this time, development of accelerator magnets using NbTi and Nb<sub>3</sub>Sn began. Per became involved in the design of these magnets early in his BNL career and acquired a good understanding both of the materials and their use in magnets. He put this knowledge to good use later in his BNL career when he became the principal person writing about magnets and superconductors for technically-oriented audiences. This work also provided him with an opportunity to display his skills as an artist. His drawing that shows all the critical components of a superconducting cable is still used in talks for visitors to Brookhaven.

Per began working on the larger stage of the Superconducting Super Collider (SSC) in 1987, where he continued work documenting the magnet program. When the SSC effort moved from the design location, Berkeley,

to the laboratory location in Texas, Per expanded his work to include both the documentation of the conventional construction effort and preparation of information in support of the SSC mission (e.g., publisher of the SSC News).

Following termination of the SSC project in 1993, Per moved to the Accelerator and Fusion Research Division at Lawrence Berkeley National Lab (LBNL). During much of that time he was on leave to the Office of High Energy Physics, where he was Program Officer for a number of university grants. He also consulted with BNL about the nascent RHIC magnet system. He retired from LBNL in 1996 but kept contact with the Lab through a visiting scientist appointment and work at the Office for the History of Science and Technology at UC-Berkeley until 2005.

Dahl is the author of numerous scientific papers and several books: *From Nuclear Transmutation to Nuclear Fission, 1932-1939* (Institute of Physics Publishing, Co., Bristol, England and Philadelphia, PA, USA, 2002); *Heavy Water and the Wartime Race for Nuclear Energy* (Institute of Physics Publishing, Co., UK, Bristol England and Philadelphia, PA, USA, 1999), which was featured in the NOVA TV-production, *Hitler's Sunken Secret*, DOX Production, London, 2004; *Flash of the Cathode Rays: A History of J.J. Thomson's Electron* (Institute of Physics Publishing, Co., UK, Bristol, England and Philadelphia, USA, 1997); *Superconductivity: Its Historical Roots and Development from Mercury to the Ceramic Oxides* (American Institute of Physics, New York, 1992); *Ludvig Colding and the Conservation of Energy Principle: Experimental and Philosophical Contributions*, The Sources of Science N. 104 (Johnson Reprint Corp., New York and London, 1972).

Throughout his life, Dahl was able to pursue his love for physics, art and his family. While at Brookhaven, he was a president of the South Bay Art Association (1967-1968), and he was also the president of the Brookhaven National Laboratory Art Society for several years. He was a fellow of the American Physical Society.

He is survived by his devoted wife of 45 years, Eleanor, and two sons: Erik (married to Christa), of Pebble Beach, CA; and Thomas (married to Jo) and two grandchildren, Emily and Alex, of Westford, MA.



## EX-LS HAVE BOOTH AT OPEN HOUSE WHAT A CIRCUS

October 15 was the Cirque de Science Open House at the Berkeley Lab and EX-Ls had a booth in the main exhibit area of the Cafeteria parking lot. Thousands of visitors came to the Lab to be educated and entertained by creative displays and activities around the circus theme. Many stopped by the EX-Ls' booth which featured the model of the Bevatron, recovered from the warehouse, photographs and video of the building of the Keck Telescope, copies of the Periodic Table and EX-Ls information.



The human story behind the EX-Ls exhibit is the real story to be told. A big thank you to Vicky and Richard Jared. EX-Ls was not guaranteed a booth until the week before the event but, as is often the case, the ever optimistic can-do Vicky and Richard put together the essentials for the booth, including a Keck telescope video and display. Dick was the chief electronics engineer for the telescope project. It was clear that he enjoyed telling the story of building and installing the control system for the telescope at the top of Mauna Kea. Vicky made sure that the EX-Ls was well represented with brochures and photographs. Pictured above are EX-Ls' Fred Perry, Richard and Vicky Jared.



From now on Rich Sextro will be known as the miracle man. He enthusiastically volunteered to have the Bevatron model at the booth. This is the model that was in the lobby of the Bevatron for so many years. It had been a forgotten item in the warehouse once the Bevatron demolition started. Having made this commitment Rich faced every possible obstacle in getting it to the Lab and personally renovating it. Recent retiree Marilee Bailey helped obtain permission for the EX-Ls to use the model and Ben Feinberg provided a reminder tutorial on the

Bevatron components and how it operated. It was a miracle effort on Rich's part. It turned out to be a big attraction and I think that Rich savored repeating the story of the Bevatron almost nonstop for 5 hours.



*In the above picture Rich Sextro, John Staples and Joe Jakelvic (left to right) listen to John recount how he designed injectors for upgrading the Bevatron to the Bevalac.*



One could hear an unexpected visitor, upon seeing the Bevatron model, exclaim "Oh Wow!" That visitor turned out to be Director Paul Alivisatos. Now it looks like the model will be staying on the Hill.

Doug McWilliams provided more than 200 of his personal photo prints from the Lab for the event. Thanks, Doug, they richly filled in the display boards in the exhibit area. Rollie Otto had copies of the Periodic Tables signed by Albert Ghiorso (holder of Guinness Book of World Records for most elements discovered by one person). Rollie is always ready to tell the story of the legacy of the Lab in expanding the periodic table of elements. This too was a very popular attraction.

Thank you to EX-Ls Open House volunteers not mentioned above, Janis and Ned Dairiki, Mike O'Keefe, Patty Powers-Resius, Bill Rankin, and Lee Wagner.





## LBNL RETIREE SURVEY STATUS REPORT

10/13/2011

The LBNL retiree survey (designed and administered by the EX-Ls) was launched on June 11 and closed on August 31. We received **425 responses** (19% of the total 2282 LBNL retirees). It should be noted that the UC Berkeley Retirement Center which sent out the initial notice of the survey and many e-mail reminders has e-mail addresses for only 500 of the total retirees; the other ~1800 retirees were contacted via the Center's newsletter, the CenterPiece, and a postcard mailing by the EX-Ls.

Analysis of the results is still underway, but we can already see there are many interesting and useful responses that will allow us to create a fairly broad and comprehensive picture of Lab retirees. Here's a preview:

- 328 (~78%) of respondents are between the ages of 60 and 80; 214 (56%) have been retired  $\leq$  10 yrs, 121 (32%) between 11 and 20 yrs
- 70% of the respondents are male, 30% female
- The majority of respondents (81%) live in the East Bay or Greater Bay Area
- 180 EX-Ls members (out of a total membership of 271) responded to the survey; 147 respondents were about evenly divided over whether the EX-Ls ought to organize more social events; 2/3s of the 180 found the newsletter and email as the best way to communicate with them (the recent move to an electronic newsletter was probably not reflected in this)
- 183 respondents are scientists or engineers; 188 respondents were active professionally within the last 3 years, with many publications, invited talks, and students tutored
- Retirees have been active volunteers, both at the Lab (42) and in their communities (212)
- 23 received awards for professional activities and 21 for community service
- 310 responded with educational activities like attending lectures, college level courses, etc.; 400 respondents reported on activities/hobbies – the 5 most frequent activities were reading, computer, dining out, gardening, and travel

- 54% of 393 respondents felt they were very well prepared for retirement and another 25% felt they were well prepared (4 on a scale of 1 – 5)
- 42 and 41%, respectively, reported that their health was either good (4 out of 5) or excellent (5 of 5)
- 15% of the respondents are caregivers for a parent/spouse-partner/adult child, etc.
- 56% reported that their retirement experience so far has been excellent and another 32% report that it has been good (4 on a scale of 1 – 5)
- 284 respondents provided insights into what surprised them most about retirement – many of them noting how fast the time goes and how busy they are, how much fun they are having and how satisfied they are; and some noting the loss of a loved one or a noticeable reduction in physical and mental abilities

We are now continuing the data analysis and deciding how best to present the data. Final results will be posted on the EX-Ls website (<http://www.lbl.gov/EX-Ls>) later this year and shared with LBNL management.

**Summary of Talk at the August 18, 2011 Luncheon Speaker: Doug McWilliams**  
**Title: Everywhere I Look, I See Pictures**

Doug McWilliams, LBNL retiree and Ex-Ls member is remembered by most of us as the Laboratory photographer who helped chronicle important Laboratory events over several decades before retiring in 1991. What most of us didn't know was that he had a parallel career as a highly successful sports photographer. In this role, he combined his early interest in professional baseball with his expertise in photography to rise to a level that could be the envy of every young baseball fan—he took the pictures that became the visuals for baseball bubble gum cards. He recently donated a private collection of 14,000 photos to the Baseball Hall-of-Fame in Cooperstown where he was also inducted as a member. His talk at the Ex-Ls luncheon combined reminiscences of his career within the Lab, his unique experiences as a sports photographer and, as he is quick to point out, as a successful photographer with broad interests. The title of his talk reflected his unique view of life: “Every Where I Look, I See Pictures”.

Doug described how his interest in photography began at an early age. Working with the limited resources of a teenage enthusiast, he followed the fortunes of the Oakland Oaks at their park in Emeryville. His early photos in black and white reflected the limitations imposed by the relatively high cost of color.

His educational decisions reflected his creative interests. He enrolled in the University of Kansas Journalism School with a focus on photography. In 1957 he returned to California to study at the Brooks Institute of Photography in Santa Barbara. While there he began practicing his trade in the entertainment industry in Hollywood where he photographed several new faces on the scene who eventually became well-known performers. He soon moved back to the Bay Area where he served in the military, married a local girl and joined the Laboratory (not necessarily in that order).

Doug told many fascinating stories associated with his photography career. He proudly pointed to his innovative

approach to portraits in which he emphasized informal settings and poses that helped communicate something specific about the personality of the subject. Many of the photos involved well-known members of the Laboratory community including several Nobel laureates. He also showed candid photos he had taken of John Kennedy and the Prince of Wales on their respective visits to campus and the Lab. He later photographed the Queen herself during her birthday celebration in England. Each picture that Doug showed was accompanied by appropriate interesting anecdotes concerning the experience.

Doug showed several examples that illustrated his creativity in technical photography. He met the challenge of making mundane objects in the laboratory visually interesting while at the same time including the human dimension in photos of large, complex apparatus. Several examples were given including one showing his innovative technique for photographing laser beams.

The second part of the talk concerned his work in baseball photography. He described how his early interest in the game coupled with acquaintances he made of Oakland A's stars in the 1970's, placed him on his path to success. Starting with publicity photos of some of the A's stars, Doug's career eventually evolved to the point where he spent several weeks each spring playing hooky from the Lab while he photographed players in Arizona spring training. Doug presented multiple examples of photos that he had taken of major league stars recognizable to even the most casual follower of the sport. Again, there were interesting anecdotes about many of the personalities and how he photographed them.

Doug is now retired from both careers and spends his time reviewing and cataloging tens of thousands of photos in his collection. Since a picture is worth a thousand words, we have created a website where we have included a few of the memorable photos Doug showed at the luncheon.

For a look at a selection of photos from the talk, go to the Ex-Ls website and click on: <http://picasaweb.google.com/exLpics>

## LBNL AND THE BERKELEY/ALBANY SOLANO STROLL SEPTEMBER 11, 2011

LBNL participated in the annual Solano Stroll held on September 11, 2011, in Berkeley. The Laboratory's Public Affairs Office hosted the booth and had a large turn-out of Laboratory volunteers to talk with those strolling by. The Solano Stroll is an annual Berkeley/Albany joint event that features a parade down Solano Avenue, exotic food, live entertainment and informational booths staffed by local businesses and organizations. Under the direction of LBNL's Armando Viramontes, staff, students and the EX-Ls' Rich Sextro, Trudy Forte and Vicky and Richard Jared volunteered to answer questions and hand out literature. The Stroll is a unique opportunity to enlighten the local communities about the research activities at the Laboratory. A good time was had by all and many visitors came to the booth and asked good questions, and picked up information on our science projects (e.g. 29 Lab Breakthroughs, the Darfur stove, solar power grids, etc.). There was also a lot of interest in the Science in the Theater lecture schedule that is open to the public and held at the Berkeley Rep., and the Lab's Open House that was held October 15, 2011.



You can view a few photos of the event on the EX-Ls'

Picasaweb Photo Page at

<http://picasaweb.google.com/exLpics>.

Vicky Jared, EX-Ls Activities Coord. – Oct. 2011

### EX-Ls 8/18/11 Lunch Attendees

Gloria Acosta	Louise Millard	Gladys Perez-Mendez
Jose Alonso	Ken Mirk	Fred Perry
Richard Baker	Nancy and Victor Montoya	Conway Peterson
Winnie Baker	Gerald Moore	Patti Powers-Risius
Paul Banchemo	Mack and Ann Morgan	Mike Press
Eugene and Myrna Binnall	Rolf Muller	Stephanie Roth
Kay Bristol	Larry Nagel	Robert Schmieder
John Cahoon	Charles Ogden	Clay Sealy
Mary Clary	Rollie Otto	Andy Sessler
Patrick Cullinane	Catherine Parrott-Hawkins	Rich Sextro
Eleanor and Per Dahl	Joe and Janean Jaklevic	Brenda Shank
Genevieve Dreyfus	Vicky and Richard Jared	Karen and Bob Springsteen
Andy DuBois	Blair, Kathy and Mitra Jarrett	Dave and Sally Stevens
Laural Egenberger	Joseph Katz	Clyde Taylor
Tom Elioff	Dick Koch	Irma Vogel
Trudy Forte	Matt Kotowski	William Thur
John and Patty Girman	Hans Krapf	William Turner
Donald Grether	Richard LaPierre	Lee Wagner
Connie and Edward Grondona	Bud Larsh	Trudy Washburn
Lillian Hawkins	John and Barbara Lax	
Egon Hoyer	Branko Leskovar	Speaker: Doug McWilliams

# UCBRC Picnic In Tilden Park July 27, 2011

Picnics, it is sometimes said, consist simply of the gathering of people and food in an outdoor place. However, for UCBRC folks it was more than that. What could be more perfect than a sunny warm day in Tilden Park for a picnic? Over 110 retirees from UCB, UCOP and LBNL gathered at the Padre Picnic site to mingle, catch up on news from friends and former coworkers, and were treated to food, drink, great prizes and a joyous sing-along. We were greeted by friendly and helpful staff who offered a chance to spin the prize wheel and enter the raffle prize contest. UCBRC Director Patrick Cullinane and UCRAB President Iola James cheerfully awarded raffle prizes donated by campus and community partners. The lucky picnickers received passes to the Pacific Film Archive, Cal Athletics and Cal Performances, Botanical Garden and much more. A few EX-Ls members volunteered to help with the picnic activities. They were: Janis and Ned Dairiki, Vicky Jared and Rich Sextro.



Under the watchful eye of Summer Scanlan (who did an excellent job of organizing the event), UCBRC students filled the serving tables with hamburgers and chicken sausages (prepared by BBQ masters David Schwoegler and Allan Jensen), salads, fruit, cold appetizers, chips and dips and a variety of desserts. No one went away hungry!



In addition to all the good food, there were lawn games and a musical sing-along led by Marian Gade that would give “America’s Got Talent” a run for their money. Good camaraderie and an enjoyable time were had by all. The picnic may become an annual event, so if this all sounded good to you, take the time and join us next year—you won’t be disappointed.



Thanks to UCBRC’s Yen Vu you can view photos of the picnic. Check out the Picasa web site UCBRC BBQ at [www://picasaweb.google.com/exLpics](http://www://picasaweb.google.com/exLpics)

Written by Vicky Jared



# EX-Ls Luncheon

**Date:** Thursday, November 17, 2011

**Where:** BERKELEY YACHT CLUB, 1 Seawall Drive, Berkeley Marina ← ← ← ←

**Time:** Doors Open at 11:30 AM - Lunch Served about 12:00

**Bar Service:** Opens at 11:30 (around \$4.00 for beer or wine)

**Speakers:** Joe Harkins, Project Director and Bob Cronin, Project Manager

**Title:** "THE BEVATRON DEMOLITION PROJECT"

**Topic:** The talk will highlight the course the project took from Bevatron shutdown to project approval, the plans for demolition and how these were modified and executed by the contractor, and the lessons learned along the way. A pictorial recap of the demolition will be presented. The talk will also touch on environmental process, the political/public challenges and the Bevatron Farewell event.

**Biosketch:** **Joe Harkins** has been at LBNL for the past 22 years where he has worked in the Facilities Division (previously "Plant Engineering") as well as in the ALS Division. Joe became the project director for the Bevatron Demolition as well as the ALS User Support Building and Helios construction projects in 2006. Joe is currently working in the pre-conceptual plans for the Next Generation Light Source (NGLS). **Bob Cronin** has 30 years experience in the nuclear industry, including experience with commercial nuclear power projects and DOE nuclear decontamination and decommissioning projects. Bob was contracted to work as the project director for the Bevatron demolition. Bob expects to finish the Bevatron demolition project late this year.

**Catering Service:** R & J Catering, Hayward, CA

**Menu:** Caesar Salad (family style), hot rolls and butter will be served at the tables along with coffee and water. Hot tea is available on a side table.

**Entrees:** Chicken Pesto Italiano, Lasagna Roma (vegetarian), Green Beans in Garlic Mushroom Sauce, Cut Sweet Corn with Pimientos

**Desserts:** cakes

**Cost:** \$25 per person (prepaid)

**Reservations:** Computer access to the LBNL/EX-Ls Web page ([www.lbl.gov/EX-Ls](http://www.lbl.gov/EX-Ls)) will also give you the lunch form. Vicky Jared must receive your reservation by Monday, November 14. The form should be mailed to Vicky Jared, 4849 John Muir Road, Martinez, CA 94553. Please call or email Vicky (925) 228-2145 - [jaredrv01@aol.com](mailto:jaredrv01@aol.com) if you want to sign up or have questions.

See you at the November 17, 2011 luncheon at the Berkeley Yacht Club, reservation deadline is Monday, November 14. Mail To: Vicky Jared, 4849 John Muir Road, Martinez, CA 94553

From: \_\_\_\_\_

I Plan to attend the EX-Ls Luncheon \$25 per person PREPAID

I will bring \_\_\_\_\_ guest(s)

Name(s) of Guest(s): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**MENU IS BUFFET: ADVANCE CHOICE IS NOT REQUIRED**

Please make check payable to EX-Ls Total Enclosed: \$\_\_\_\_\_

Willing to carpool: As Rider? \_\_\_\_\_ As Driver? \_\_\_\_\_

Need to sit closer to the Screen? \_\_\_\_\_ Other: \_\_\_\_\_

Wish Assistance with Buffet? \_\_\_\_\_