

EX-Ls EX-PRESS

Volume 23 Number 2
SPRING 2005

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Luncheon Reservations to Bud Larsh

Please send your luncheon reservations to Bud Larsh at
610 Devonwood, Hercules CA 94547.

➤➤ **Note that the price is now \$20 per person** ‹‹

The EX-Ls Board of Directors and members gratefully acknowledge the
Lawrence Berkeley National Laboratory Administration
for their continuing support.

PRESIDENT'S MESSAGE

Gene Binnall

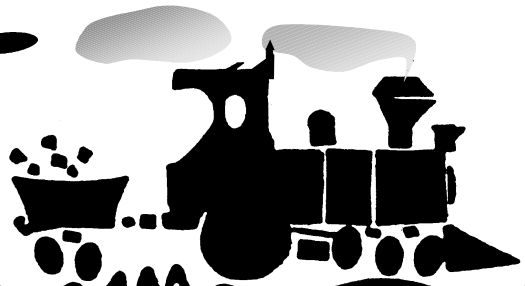
Life goes on, sometimes for the best, sometimes not. Fortunately, I think that “for the best” is winning. Perhaps we should listen a little more closely to our Governor. I’m not certain how closing our borders would benefit California, but it might benefit our neighbors.

Actually, I think that life is pretty darn good. The University of California has been selected to continue management of our beloved Laboratory for at least the next five years, and Vicky Jared has agreed to serve as EX-Ls Activities Chairperson. Two great blessings. Many of us have known and/or worked with Vicky at the Lab, and it has always been a great pleasure. You may remember her as Vicky Donelson, Fred Goulding’s right hand person.

LBNL is in the initial stages of planning a 75th Anniversary event and open house. The Official birthdate of the Laboratory -- probably referred to as the UC Radiation Laboratory at the time -- is August 26, 1931. Ron Kolb, Deputy Director for Operations, is in charge of planning for the event, which will probably be scheduled for sometime in October, 2006. The planning committee has asked the EX-Ls, especially our older members (that can’t include me), to help collect historical material, and to think about putting together some talks and displays of past experiences, perhaps write some articles for the Berkeley Lab VIEW (you know, the successor to *Currents*). They are also particularly interested in old photos and film clips. I’m not sure what we do with the material now, but we have more than a year to get organized. However, I am certain that there is a lot of interesting material and stories out there to help make this 75th Anniversary a great celebration. There is considerable more planning to be done but please start thinking about contributions.

I also want to remind you again that as LBNL retirees, thanks to a fee paid by our Director’s Office, we are eligible for no-cost membership with the UC Retirement Center. Among the benefits are some very interesting special courses on campus that a number of us have taken. (They are described in the Center’s quarterly newsletter, *The CenterPiece*.) More information is available on the Center’s web site at: <http://thecenter.berkeley.edu/>. You can also join at their campus office, 2 Boalt Hall, or for more information, call their staff at (510) 642-5461.

EX·LS Ex·press



2005 Winter Lunch

Date: Thursday, May 19, 2005

Where: Spenger's Fresh Fish Grotto
1919 Fourth St.
Berkeley

Time: No-host Bar: 11:30 AM
Lunch Served: 12:00 Noon

Speaker: Lina Galtieri

Subject: Trek to the K2 base camp

Menu: Bay Shrimp Louie Salad (with cup of chowder)
Sole Parmesan (with dinner salad)
Flatiron Steak w/ mushroom demi-glaze (with dinner salad)

Cost: \$20 per person (PREPAID) <<<< Note new price

Reservations: Please make checks payable to EX-Ls. Send to
Bud Larsh
610 Devonwood
Hercules, CA 94547

**Spenger's management policy makes it absolutely imperative
that they receive reservations by May 16, 2005**

(Reservation slip on last page)

From our February lunch

Reported by John Kadyk, EX-Ls First Vice-President: Our February speaker was Carl Haber, who reported on the recent work done by him and his collaborator Vitaliy Fadeyev in the restoration of old audio recordings (late 1800s and early 1900s) using modern imaging techniques developed at LBNL for particle detectors. Carl has been at LBNL in the Physics Division about 20 years, and has been closely involved with development of “micropattern” detectors for the Collider-Detector experiment at Fermilab (CDF).

While stuck in traffic one day on the freeway, driving between LBNL and companies involved in detector manufacture in Silicon Valley, Carl heard on the car radio about the plight of the archivists at the U.S. Library of Congress, who had old audio recordings that are either unplayable or of very poor quality, and which are deteriorating. These recordings employ a variety of recording substrates, such as wax, plastic, acetate, glass, metal, and aluminum foil, and are generally easily harmed by further playing. It occurred to him that *optical* imaging of the record grooves might allow extraction of much of the original quality without the risk of further damage from a needle or stylus. The challenge was to develop optical imaging techniques that could capture the essence of the original recording while avoiding mechanical contact with the recorded surface.

During his presentation, Carl gave several very interesting examples of the power of this new technique by playing some very old recordings (all were pre-1950, with some from the late 19th century), both as they sound from the original, and then after using the optical imaging techniques. These examples served as proof-of principle that the proposed techniques could, indeed, recover much of the original quality. They included famous personages speaking (Thomas Edison, Alfred Lord Tennyson) as well as music and musicians (Caruso, Kate Smith, Marian Anderson). (In response to a question, he noted that they cannot, alas, bring those old recordings up to modern standards of fidelity, because they cannot restore the information lost in the recording process.)

This project has developed into a collaboration with the Library of Congress and other outside groups (references in links below). Congress actually mandated that these old recordings be both preserved (through digitization) and made available to the public; the latter requirement does not demand as high quality as the former. The “non-contact” optical technique is well-suited to the preservation requirement.

Carl recounted the interesting history of audio recording techniques, from the invention of sound recording (Scott, 1859-no playback), the phonograph (Edison, 1877-vertical groove modulation). Later, there were technology battles, and sideways groove modulation was invented (Berliner). Still later came magnetic tape, the LP (“long-playing”) microgroove record, stereo recording, and then the CD and digital recording – the end of analog recording. [Much to the regret of audiophiles and Luddites who mourn the attendant loss of “presence”. ed] Examples of old 78 rpm (“shellac”) disc recordings demonstrated the noise inherent from scratches, dirt and wear:

“Wabash Cannonball” – 1941, Roy Acuff; “God Bless America” – 1938, Kate Smith. Examples of old cylinder recordings: “Charge of the Light Brigade”, as recited by Tennyson – 1880s; Edison, reciting his world tour itinerary – 1880s. Examples of lacquer discs: John and Alan Lomax, cultural documentary recordings (1930 – 1940s). From a “dictation belt” we heard a famous recording by Dallas police department at the time of the President Kennedy assassination: a detailed description of Lee Harvey Oswald. Also on tape, we heard a replay of Lyndon Johnson’s commentary on the hopelessness of the Vietnam war.

What is next? This optical technique is well suited to the preservation aspect for the old recordings. However, a machine is needed that can do “mass digitization” at a reasonably high speed, to do large numbers of disks, and making these recordings generally available. The Library of Congress is encouraging such a project, which would probably include involvement by LBNL Engineering.

Much more on this subject can be found at Carl’s Website: <http://www-cdf.lbl.gov/~av/>

In the article “Reconstruction of Mechanically Recorded Sound by Image Processing”, denoted there as the *JAES paper (pdf file)*, can be found many references to other articles on this subject.

Luncheon Attendees:

Maxine Adams	Jack & Darlene Franck	Donald & Jean Lundgren
Al Amon	Bob Fulton	Fritz & June Marg
John Anderson	Frank & Maxine Garnier	Bob Miller
Shirley Ashley	Bill Gilbert & guest Ferd	Ken Mirk
Bill Baker	Voelker	Bob Mortiboy
Dick Baker	Lee Glasgow	Charles Ogden
Winnie Baker	Abe & Marjorie	Fred Perry
Gene & Myrna Binnall	Glicksman	Conway Peterson
Bob & Elizabeth Birge	Inge Henle	Terry Powell
Igor Blake	Victor & Christine Henri	Don Prestella
Stan Boyle	Paul & Nancy Henrickson	Ellie & Gwen Ralph
Dick Burleigh	Roger Hughes	Sig & Cindy Rogers
Geores & Katie Buttner	Richard & Vicky Jared	Stephanie Roth
Janice & John Button-	John & Ann Kadyk	Clay Sealy
Shafer	Joe Katz	Brenda Shank
Winifred Corniea	Joseph Klems & guest	Elmer Silva
Per & Eleanor Dahl	Steven Klems	Robbie Smits
Janis & Ned Dairiki	Allen Kleven	Dave & Sally Stevens
Dick Diamond	Bud Larsh	Clyde Taylor
Sibyl Donn	Cedric Larson	Dick Wolgast
Doug Drummond & guest	John & Barbara Lax	Jon Zbasnik
Elizabeth Ulrich	Branko Leskovar	Speaker Carl Haber & wife
Andy DuBois	Ed Lofgren & guest Tom	
	Elioff	

Editor's Note

I direct your attention to (1) the "Luncheon Tickets" item, (2) the note from Rosmary Norling of CUCRA's travel group about their trip to Egypt and the Nile (CUCRA is the umbrella group for all the UC retirement organizations), and (3) Memory Lane II, the request for reminiscences.

If you'd like an advance glimpse at some of Lina Galtieri's spectacular photographs, you can check them out at <http://www.neosophist.com/K2/K2pagex.htm>

And as always, articles or ideas for articles are welcome; the deadline for each issue is ten days after the preceding Board meeting (a full year's schedule is listed on the back page). You can contact me at david_stevens@comcast.net, at 1107 Amador Ave, Berkeley 94707, or 510-524-2904.

dfs

Vicky (Donelson) Jared to become Activities Chair

Your Board is pleased to announce that Vicky Jared has agreed to try her hand as Activities Chair. She will be easing into her duties over the next few months, beginning with the Reception Table at the May luncheon. (Be sure to stop by and encourage her.) For the time being, however, continue to send your luncheon reservations to Bud Larsh.

CUCRA Report

Bob Fulton

The Council of University of California Retiree Associations (CUCRA) met at UC Santa Barbara on March 31, with Ex-Ls representative Bob Fulton present. The group was welcomed to UCSB by Chancellor Henry Yang.

Representatives were updated on several current issues. The UC board of Regents presently does not support the Governor's proposed retirement plan changes in their current form. The University is a member of the Pacific Business Group on Health and has been meeting with the group to discuss ways to hold down health care costs. Requests for proposals for medical plans for 2006 will be issued by the University this month, with responses due in May. Negotiations will be held in July and 10 - 11% increases are expected. The Governor's budget has a 3% inflation package, and most of that is expected to go to salaries, leaving little room for increases in benefits.

CUCRA Members from the campuses were interested in the status of the Laboratory contracts. The University has submitted a proposal for continuing operation of LBNL, but there was no information on its status at the time of the meeting. The existing LANL contract might be extended into 2006, but a final request for proposal has been issued. LLNL's present contract

may be extended for two years to allow time for digesting a new LANL contract. Rumor has it that management fees might be increased to induce additional bidders. It was discussed that successful bidders would have 60 days to develop independent retirement plans, and then there would be 60 days for employees (and retirees?) to choose. This part seemed to be very much up in the air. The LBNL web site has a link to the UC web site and its information of the contract competition.

CUCRA has formed three subcommittees: CUCRA Relations, Finance, and Health Care. The Relations committee will work to strengthen contacts with the Office of President with the goal of increasing the University's awareness of retiree concerns and issues, while also better communicating CUCRA's activities to retirees. The Finance committee reported that CUCRA's finances were in good shape. The Health Care committee will work to understand the rationale for UC contributions and alternate plans, watch Medicare developments and check with campus/laboratory Health Care Facilitators on issues and priorities.

Splendors of the Nile
Rosmary Norling
CUCRA Travel Interest Group

The UC Travel Interest Group is sponsoring a 12-day educational tour to Egypt in November, 2005, including visits to Cairo, the Pyramids, Memphis, Sakkara, Aswan, Valley of the Kings and Queens, and Luxor, along with a deluxe 4-night Nile River Cruise. In this adventure we are partnering with Smithsonian Journeys, who offer educational travel worldwide. Educational highlights in Egypt will be presented by Egyptologist Chahinda Sayed Fahmy Karim, who will lecture in Cairo, and National Guide and Egyptologist Lillian Naquib, who will accompany you throughout your journey. With their guidance, you will:

- Follow the pharaohs from the pre-dynastic "Old Kingdom" through the achievements of the "New Kingdom" to the end of the dynastic period and the rule of the Greek Ptolemaic period, ending with Cleopatra.
- Explore the mystique behind the empire of the great builder and pharaoh, Rameses II and his wife Nefertari.
- Learn about exciting recent archeological finds in Egypt.
- Gain insight into the many differing tombs of the Valley of the Kings, and hear about their site selection, tomb construction, rituals, and symbolism.

The middle of portion of the tour is a Nile cruise on the m/s Liberty, a five-star ship with all suite accommodations, a swimming pool, sun decks, boutiques, and restaurants that serve both Egyptian and international cuisine. A full American buffet breakfast is served daily. Nightly entertainment including folklore shows and an Egyptian-themed formal party is included. Before and following the cruise, you will be staying at the Semiramis Intercontinental Hotel in Cairo, Old Cataract Hotel in Aswan, and Sheraton Luxor Hotel in Luxor.

The travel dates are November 3 to 14, 2005. Rates are: Double \$3,824 pp; Single \$4,624; Triple \$3,794 pp, including 22 meals, round trip air from San Diego, CA, hotel transfers, air taxes and fees. Additional airport gateways include San Francisco, CA (at no additional cost) and Los Angeles, CA (please deduct \$50 pp from the above rates).

For more information and to obtain a tour brochure, contact Collette Vacations, Special Account Desk, at (877) 584-7302, and refer to Group Reservation No. 122470. Brochures may also be obtained at your Campus Retirement Association Office. For general tour information, contact Rosemary Norling, Chair, Travel Interest Group, at Rnorling@ucsd.edu or (858) 453-0908.

Luncheon Tickets

Spenger's has requested that we help expedite luncheon service by placing our luncheon tickets at our places no later than 11:50. Please make sure that they are clearly visible so that the servers can get an accurate count for each table.

New Address for Tané Nutting

Tané Nutting
Fredricka Manor, Rm 213
111 3rd Ave.
Chula Vista, CA 91910

(Note: This is not a new general service of your newsletter; it is a courtesy extended to life members. [ed])

Memory Lane I: A Bonanza of Information

Shirley Ashley

I always thought that when I submitted an article to our editor for publication in our newsletter it would be about one of my fun adventures to the many exciting destinations I've been fortunate enough to visit, but no, here I go sharing a great trip down memory lane that I unexpectedly came upon.

I felt as if I had hit the jackpot or a bonanza of information when I found among my stash of papers a batch of newsletters tied together with a string – issues of *The Magnet* – the very first issue with an introduction by none other than the founder of our laboratory, Ernest O. Lawrence, dated November, 1957, Volume 1, No. 1. This whetted my appetite and I settled down to read more. Where had these copies been all this time and when had they found their way into my home office? Somehow, sometime, these copies came to me from P. H. Cutler, obviously an

LBL employee with the foresight to save these issues for posterity. I had a complete set of issues of *The Magnet* from that first one through Vol. 12, Nos. 1-2 dated January-February 1968.

It was a rainy day in late 2004 when I started reading the issues and found myself fascinated by what was on the printed pages. Several of our current EX-L members were mentioned and pictured here...and not only famous scientists: even a lowly typist like me who had the good fortune to have typed the scientific manuscripts for the learned men and women found herself smiling at the camera along with the office manager of TID, member Mabel Smith. We made our appearance in Vol. 3, No. 3, March 1959. Whew! We did look so young!

As I went through more issues I discovered that quite a number of our present members were represented – In Vol. 4, No. 1, 1960, Tané Nutting, one of the founders of this organization, is pictured when she received a service pin for her 15 years in the Electronics Engineering Department. And in that same issue EX-L members Margie Myers and Jim Shand received acknowledgment for 10 years of service. Bill Bigelow, a past president of our group was presented with a 20 year service award in the Vol. 6, No. 7 July 1962 issue. Another 20 year service pin was noted in issue Vol. 9, No. 1, for Willard Lawrence. And in Vol. 12, No. 1-2, Jan-Feb 1968, member Robert Meuser received his recognition for 20 years of service.

There were several interesting articles documenting historical occasions – In Vol. 6, No. 4, April 1962, the issue was all about (with many photos) President Kennedy’s visit to the Laboratory when he was speaker at the 94th Charter Day celebration, March 23 of that year. Before his speech his motorcade brought him up to the lab to the entrance of Bldg. 70 where he was met by Dr. Glenn Seaborg. We “girls” were given the opportunity to line the sidewalk and watch the greeting ceremony and as a special bonus we were given tickets to attend the Charter Day ceremonies held that afternoon in the campus stadium. What a glorious treat!

In Vol. 7, No. 12, December 19, 1962, three present day members (Dick Burleigh, Paul Hernandez, and Ken Mirk) had short bios published recognizing their accomplishments in the Mechanical Engineering Department. And in Vol. 8, No. 12, an interesting piece with picture of Bertha Hagelberg, Lab nurse, was presented.

An article featuring Winnie Heppler appeared in Vol. 9, No. 1, January 1965, highlighting her “Crystal Garden” as follows: “Lab Tech Winifred Heppler tends a flourishing garden of artificially grown crystals for use in Chemistry Division Research.” Also in that same issue another EX-L, Maggie O’Keefe (also known to us as Mrs. Ron Petersen) is headlined: “Berkeley Typist Makes Keys Fly: Holder of a unique record is LRL’s Maggie O’Keefe, pretty brunette secretary in Berkeley’s Mechanical Engineering Department.” (250 wpm)

In Vol. 9, No. 4, April 1965, member Dr. Edward Lofgren’s testimony given to members of the Joint Committee on Atomic Energy & Staff is reproduced under the title “The 200 BeV Accelerator”.

As you can see this find of mine contains many, many interesting pieces of history of the Laboratory. So at our last luncheon in February I took the stack of these newsletters and gave them to our member/lab liaison Terry Powell to use as she feels is appropriate.

Reading these articles refreshed my memory as to why I feel so much pride in having had the opportunity to work at the laboratory for so many years. What a wonderful experience!

Memory Lane II: Reminiscences Wanted

The Lab is beginning to plan its 75th anniversary celebration, to take place in late summer, 2006. Among the possibilities are a big open house (if the budget will support it), plus memories in the form of talks, photos, and old film strips. If you have photos or films that might be of historical interest, or might be interested in speaking about your memories of the early Rad Lab, please contact Ron Kolb, 486-7586, rrrkolb@lbl.gov.

Lost at SFO

Using modern design to increase revenue

Dave Stevens

It turns out that long-distance travel is not a prerequisite for adventures at an airport. Especially at an airport designed on the Brasilia Principle. (Brasilia is the capital of Brazil. It is a created city, i.e., one that was built from scratch according to a Designer's plan, rather one that evolved normally in response to the needs and desires of its inhabitants. Its buildings are clustered by type, according to a "rational" plan that looks neat on paper but is in practice rather inconvenient: Government buildings are separated from the commercial center, and both are separated from the residential area. There are no neighborhood markets, corner grocery stores, or friendly local restaurants.) The San Francisco Airport (SFO), having some actual history, is not quite so advanced, but is currently well along on a major expansion that is similarly "rational" on paper and similarly inconvenient in practice.

Our particular adventure began when some friends asked us if we wished to accompany them to SFO to greet their son and family who were passing through on their way back to San Diego after adopting a child in Europe. Since they had to change planes in San Francisco, and had what seemed like enough time for a brief visit, it looked like a convenient opportunity for the new grandparents to see the latest addition to the family. They had also heard that it might be possible for Grandma to get a pass that would allow her to accompany the family to the departure lounge.

They checked with UAL (the carrier for the SF-SD leg), and found out that, indeed, one (1) adult could get a pass that would allow her to enter the security envelope and accompany the family to their gate. So since the family was departing on UAL and we needed to go to UAL to get the requisite pass, we determined that the optimum place to park would be Parking Garage F, which was closest to UAL.

Then, having found the appropriate Official and secured the desired pass, we proceeded from the Domestic Departure area to the International Arrival area. Both of these entities are on Level 2, so one would think that one could walk from one to the other. But the new additions to SFO are of Modern Design, wherein the Designer knows better than the customer what the customer wants to do next, and because it is inconceivable (to the Designer) that anyone would want to go from Domestic Departures to International Arrivals, there is no way to do that without going someplace else first. Someplace on a different level. The way from the domestic area to International Arrivals is to first walk along Level 2 until the corridor is blocked by a wall (on the other side of which is International Arrivals), then go upstairs to International Departures, where there is a beehive of activity, but no signs pointing to International Arrivals. (Once again, the Designer, in his infinite wisdom, had decided that no rational person would need to go from a departure area to an arrival area.) But - cleverly placed so that you will have bypassed it before you realize you need it - there is an Information Desk with clerks who can point one to the “down” escalators on the other side of the building (the ones adjacent to where we ascended will not do, for they provide access only to the domestic terminal), which do, in fact, debouch in International Arrivals.

Here there is a rather friendly arrangement of information boards and television monitors that let us know when the passengers from the flight of interest had made it to Customs, and to see them on the monitors a few seconds before they appeared in person.

But the passengers of interest to us did not appear, either on the monitors or in person. Because their flight was delayed in arrival, they were shunted directly from the Customs area to their (domestic) departure gate. The friendly information boards did not convey that information, but through the modern miracle of cellphonology, grandparents were assured that the family had landed safely at SFO, passed Customs, and was now on board their plane for San Diego.

Rather an anti-climax, but grateful that new grandson had arrived safely and that the family had made their connection and was effectively on their way home, we headed back to the garage. We had noticed, on our way to Garage F, that Garages A through G were nicely contiguous, so we were not overly distressed that the only garage sign we saw as we left International Arrivals was for Garage A. We crossed one of SFO's many bridges and duly arrived in Garage A...which was self-contained and had no connection with any other Garage.

Were we on the wrong Level? We didn't think so, but we checked a couple of others just to be sure, with the same result. Where were the other Garages? Aha: We saw a way for *cars* to proceed to Garage G...but the roadway had no sidewalk, and there were several signs informing us that Pedestrians were PROHIBITED. Believing that the maps at the elevator station would clarify things, we sought out the elevators, where the maps displayed complete ignorance of Garage F. But there was a way to take the train (back up several levels) to Garage G. Well, G is right next to F, right?, so we caught the train, and got off at Garage G...which was self-contained and had no connection with any other Garage.

In the process of failing to find Garage F we finally found a walkway to the Terminal, which we followed...only to find ourselves back in International Arrivals. Now what? Obviously, return to

the Domestic Terminal and find our way back to the UAL counter. Over near the Garage A sign we originally followed there was a sign pointing in the opposite direction to Domestic Baggage Claim. That looked promising. But the way was blocked by a locked door. We were getting pretty frustrated by then, but at least could see how to get back up to International Departures, whence we figured we could retrace our steps.

On the way we stopped by one of the Information Desks to enquire as to how to find Garage F. Oh, said they, that's in the *Domestic* Parking Garage; the G and A you were trapped in are (disjoint) *International* Parking Garages, and you can't get from one to the other. (Nowhere in the airport are they designated as anything other than Garage A and Garage G.)

So we found our way out, over, and down to the Domestic Terminal, where once again we were on Level 2, which was the Level we wanted in the (domestic) Parking Garage. But, of course, such a direct path would be unthinkable, so we needed, again, to go up or down a level so that, once in the (domestic) Parking Garage we could go down or up a level to reach our destination. Our guess is that all this took nearly an hour - and cost us an extra \$5 - from the time we first tried to leave International Arrivals.

The moral of this little story is that if you haven't been to SFO since the expansion, you should check the website flysfo.com BEFORE going to the airport. There is a terminal map on the website that makes quite clear what the on-site signage does not: that there are separate Domestic and International Parking Garages, and that there are two sets of gates numbered 1-12. (Plain 1-12 are Domestic, and A1-A12 are International.) It also makes clear another potentially useful fact: There are gates that are not associated with any of the terminals! And, just in case you have to make a journey the Designer didn't expect, take a bag of bread crumbs.

Age by Chocolate

Internet magic submitted by
Tom Beales

(This takes less than a minute.)

1. Pick the number of times a week that you would like to have chocolate. (At least once, but less than 100...we have to be realistic, after all.)
2. Multiply this number by 2. (Just to be bold.)
3. Add 5. (For Sunday.)
4. Multiply the result by 50. (To get your yearly consumption, not counting vacation.)
5. Add 1754. (The year George Washington first tasted chocolate.)

-
6. If you have already had your birthday this year, add 1. (To grow on.)
 7. Subtract the year of your birth. (All four digits.)
 8. If you have followed instructions correctly, you will have a three [four] digit number, the first digit [two digits] of which gives your chocolate quotient, and the last two of which reveal your age!

❖❖❖❖ **Free introductory offer!!!** ❖❖❖❖

In its never-ending quest to encourage former employees to join Ex-Ls—and because we have a small surplus in the bank—the Board decided to extend our free introductory membership offer indefinitely. This means that incoming new members need pay no dues until the calendar year after they join. Since our former practice was to prorate membership dues depending upon the month in which a person joined, this is not as dramatic a gesture as it might seem...nevertheless, in this day of daily increases in the cost of gasoline, we believe that any relief is welcome.

**Mergers we'd like to see
(and the resulting conglomerate names)**

1. Victoria's Secret and Smith & Wesson become **Titty Titty Bang Bang**
2. Polygram Records, Warner Brothers, and Zesta Crackers become **PolyWarner Cracker**
3. 3M and Goodyear become **MMMGood**
4. Zippo Manufacturing, Audi Motors, DuPont, and Dakota Mining become **ZipAudiDuDa...**
- 4a. ...which immediately merged with Design Associates to become **Zippo, D. A.**
5. FedEx and Seven-Up become **FedUP**
6. Fairchild Electronics and Honeywell Computers become **Fairwell Honeychild**
7. Grey Poupon and Docker Pants become: **Poupon Pants**
8. Knotts Berry Farm and the National Organization of Women become **KnottNOW!**
9. Hale Business Systems, Mary Kay Cosmetics, Fuller Brush, and W. R. Grace Company become **Hale Mary Fuller Grace**
10. Jim Beam, Eyeliner, and Ballentine's Scotch become **BeamEye Ballentine**

See We Us Lee Now

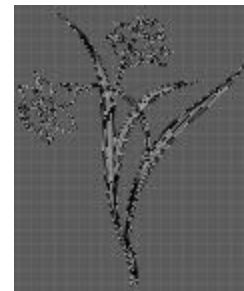
Most any particular part
of this particular sphere
Which presently contains
a presently living kwitter
Willst sooner or later for sure
and repeatedly often does
Rotate itself around
till sunshine hits the spot

But there's business to attend to
important matters to contemplate
That little ray of sunshine
that's traveled oh so far
Zeros right in on living kwitter
and pow-ee penetrates a cell
But shucks and low-and-behold
it isn't even felt
There's business to attend to
and data to confirm

Now it don't take no jeany-us
nor monthly income neither
To feel that molecule of star-shine
come right inside and soothe
But it do take concentration
and a stop from stress and gain
To give the little photon
the welcome it deserves

But one little ray of sunshine
is not see we us enough
To warrant real attention
...unless of course
there's nothing else to do
Yes nothing
nothing must be finished first

--geores buttner



In Memoriam

**Eldred Calhoon Virginia Cherniak
Marian Crew Jock Fugitt
John Kelley Don Nelson
Delfin Roy**

>>WELCOME NEW MEMBERS<<

**Hariette Atkins TomElioff
Don Grether Arlon Hunt
Richard & Vicky Jared
Richard Mcdonald Mack Morgan
Barrie Pardoe Suzanne Stroh**

Renewal Time: Dues due

For those of you who have not yet done so, it's past time to do so now. Please send your \$12.00 renewal dues for Year 2005 to Bud Larsh, at the address below.

Membership in EX-Ls is open to all past employees of LBL/LBNL. Annual dues are \$12 per family, forgiven during the calendar year of joining for new members, and are now past due for 2005. New members, please include your name, address, and phone number. Also, please include any other information you would like included in the annual membership directory, such as spouse's name, e-mail address, or fax number. Please send your check payable to EX-Ls to

**Bud Larsh, Treasurer
610 Devonwood
Hercules, CA 94547**

SEE YOU AT THE MAY 19 LUNCHEON

**To: Bud Larsh
610 Devonwood
Hercules, CA 94547
Be sure to make reservations by MAY 13**

From: _____

I plan to attend the EX-Ls luncheon >> \$20pp << PREPAID

I will bring ___guest(s). Name(s) of guest(s): _____

Menu Choice(s): Beef __ Salmon __ Salad __

Please make check payable to EX-Ls Total Enclosed: _____

EX-Ls EXPRESS – Spring 2005

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

Editor: Dave Stevens

Deadline for newsletter submittals is 10 days after the preceding Board meeting.

EX-Ls BOARD OF DIRECTORS

Officers

President: Gene Binnall
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Bill Bigelow Ken Lou
Bob Birge Ken Mirk
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Howard Browne Sig Rogers
Per Dahl Clay Sealy

Calendar of Board Meetings & Luncheons

	L: May 19, 2005
B: July 14, 2005	L: August 18, 2005
B: October 13, 2005	L: November 17, 2005
B: January 12, 2006	L: February 16, 2006
B: April 13, 2006	L: May 18, 2006

Board meetings take place in the LBNL cafeteria at 3:45 on the dates mentioned; we welcome attendance by interested members.

Ex-Ls Life Members

Esther Colwell	Shirley Ashley
Frank Garnier	Inge Henle
Tané Nutting	

Official Address

LBNL EX-Ls
P. O. Box 5280
Hercules, CA 94547

Website: www.lbl.gov/ex-l-express/

Webmaster: Richard Baker [robaker@lbl.gov]

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