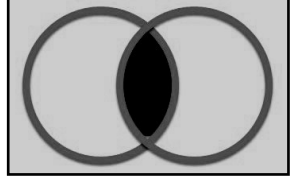


NewsLetter



Newsletter Team:
M. Hall, E. Kliem,
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Polaroid Retirees Association

April - June
2023

THIS PUBLICATION IS SOLELY FOR THE USE OF THE PRA MEMBERSHIP
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President's Letter

Greetings to my fellow PRA members,

At last, spring has arrived, at least on the calendar, but our minds still turn to thoughts of colorful flowers and budding trees, baseball, cookouts and our annual Spring Luncheon and Annual Meeting. We are keeping our eye on the COVID situation and expect that it will continue on the downtrend. The Board has confidence that all Luncheon attendees will abide by the COVID Policy written on Page 11.

During the long winter months, the PRA Governance Commission under the leadership of Ruth Scanlan has been very busy. As you know, the Commission constructed a multi-question survey to get your input on the direction you would like the PRA to take in the years ahead. We thank you for your thoughtful responses. The survey responses are summarized on page 2. The Commission is mindful of your responses and is formulating plans for the future of the PRA. You will hear more about them in the coming issues of the *Newsletter*.

The results of the survey have indicated that there is still strong enthusiasm to continue the organization in the same collegial manner as the past 37 years, and that we continue the tradition of these Luncheons in the future. We are presently immersed in the planning for the Spring Luncheon. It will be held on Monday May 22, starting at 10:00 a.m., at the Warren Conference Center & Inn. The Warren Center is a part of Framingham State University in Ashland, Massachusetts, overlooking the Ashland Reservoir.

The names of two new Board members Caren Friedman and Jim Bodkin, are on the ballot at the Annual Meeting. Current Board members who are ready to stand for election for their second or third 3-year terms are Paul Lubin, Ruth Scanlan, John Flynn and Erica Kliem. Two long-time Board members, David Bayer and Maryann Hall, have served their full three terms and will be stepping down from the Board. They have our thanks for their many years of dedicated work for the PRA.

If you would like to contribute to the mission of the PRA by working on the Board, please let a member of the Board know of your interest.

Please note that the Luncheon is to be held on a *Monday* this year. You can view this attractive site online at WarrenCenter.com. It's worth the look to see the site, its easy access from major highways, and the extensive amenities that they offer. As the name indicates, they also have an Inn, which offers units for overnight guests. If you live beyond comfortable driving distance you may wish to stay over and enjoy the general area.

As in past years, the Luncheon is subsidized by the Direct Federal Credit Union for all PRA members in good standing. So be sure that your PRA membership is up to date to take advantage of this great opportunity. Please note that the charge for non-PRA guests has increased to \$40, reflecting the rise in general restaurant prices since our last Luncheon four years ago.

Our intrepid photographer Erika Kliem will be circulating through the gathering to record your personal reunions at the event. We hope to publish many photos of attendees in the next Newsletter. (We will not have photo-boards at the event.)

We guarantee that you will have an enjoyable day at this year's reunion Luncheon. Again, we hope to see you there on Monday, May 22!

John Flynn
President, PRA

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William Rosen

Bob Ruckstuhl

Survey Results reported by Ruth Scanlan and the Team

Thank you to all who responded to Survey #2. You have given the Board of Trustees a clear roadmap, allowing us to design activities and communications that fit the current and future desires of the membership. The responses to the questions have been summarized by survey category.

Newsletter- The latest Survey responses indicate that the Newsletter is well received and interesting to respondents. The “In Memoriam” obituaries are the most read; historical stories and pictures from the our working days and “Life after Polaroid” notes from retirees are also popular. There is interest in finding ways for small groups to get together. Pictures and reports of small-group get-togethers would be welcome articles. Reviews of possible meeting venues for informal reunions, and descriptions of interesting exhibitions or possible day-trip outings might provide inspiration for PRA members to get together informally. Keep sending your news .

Luncheons – The latest survey revealed a high level of interest in our Bi-annual luncheons. Almost 2/3 of the survey respondents said that they had attended one or more of the past luncheons, and almost 90% of the respondents said that they would be inclined to attend a luncheon if we were able to implement some of the improvements suggested. Among the most popular suggestions were having interesting speakers, assigned tables by work locations/groups, rotating the locations around the Metro Boston/Cambridge area and attending the luncheon via Zoom. The largest single reason for not attending the luncheons was travel distance followed by a large list of non-specific reasons. The desire for more social time at the luncheon permeated many of the survey responses.

Website – The recent survey tells us that the Website would benefit from updates, modernizations, and enhanced navigation aids, including better links, clearer menus, a search function, and a “site map” (similar to a Table of Contents) – all to make it easier to find information. In addition, we learned that readers would like more detail and functionality for finding and reading obituaries, announcements, event schedules, Polaroid history, a picture gallery, reader contributions (like a blog), and links to Polaroid *Facebook* sites. Readers would also like the ability to register online for events, pay dues, to organize and participate in small-group virtual meetings or chats and have access to original Polaroid newsletters – and more.

Small group meetings – “Luncheons” were far and away the top choice for small group meetings. Any gatherings would have to be within a twenty-mile radius and be limited to two hours, with seating. Other events, of some mention, were: a harbor cruise, museum tour and a picnic, with food trucks.

Virtual meetings - Zoom appears to be the video communications platform of choice for most members (85% of survey respondents). The favorite topics for discussion included: Polaroid “interests” followed by employee “chats/get togethers” and retirement. The preferred length of virtual meetings was in the 45 to 60 minutes range. Also, of interest, there were several unsolicited ”comments” under the annual meeting section which indicated a strong support for zoom annual meetings - probably from those living some distance from the meeting site. Surprisingly, there were only two respondents who were willing to host a virtual event.

What’s Next – after the Board of Directors have reviewed the full final survey report, they will decide, based on survey data and subcommittee input, which areas generated the greatest interest among the responders to the survey. Then the Board will craft a strategy of implementation based on ease of use and desirability by members, cost of implementation, and needed expertise and time commitment by Board members. Don’t be surprised if the Board comes back to you to test out or comment on future initiatives. Again, our deepest thanks to those who participated in this survey and helped provide the future direction of the PRA.

Welcome New Members!

**Neil Mattucci residing in Naples, FL
and
Stephen Perry residing in Salem, MA**

Changes in Board Membership

*Election of Board Members will be part of our Annual Business Meeting at the Luncheon. New Candidates for Board Member are Jim Bodkin and Caren Friedman. Current Board members starting or renewing three-year terms are **Paul Lubin, Ruth Scanlan, John Flynn, and Erica Kliem**. **George Stebbins** was recently appointed to the Board by John Flynn and will stand for election in 2024.*

Jim Bodkin

Jim joined Polaroid in 1970 when Polaroid was beginning to staff up for the New Bedford Project. He became a regular employee and stayed at the New Bedford plant for the next ten years, working as an HR Administrator. In 1976, he became Personnel Manager for the plant and reported to both Owen Gaffney and Hal Page. In 1985, he started managing corporate HRIS, until he left Polaroid in 1988.

Jim is now living in Georgia, where he says, “I play trivia at least once a week, and Jeopardy continues to overlook my attempts to be a contestant - but I keep applying.”

Caren Firsty Friedman

Caren worked at Polaroid for ten years. She joined in 1987, and first worked in Integral Film Manufacturing in R-2. After two years at the Reservoir, she moved to the Customer Support Center at 784 Memorial Drive, where she worked on the Technical Consumer Hotline. Caren later joined the labs at W4, working aspects of both integral and peel-apart systems. Her last role at Polaroid was with New Product Development at Tech Square.

After leaving Polaroid in 1997, Caren worked in other companies concerned with imaging: Intel Corporation, Boston Scientific and currently, Collins Aerospace. She currently lives in Newton.

George Stebbins

George joined Polaroid in 1969, working in the Building Trades/Instrumentation Group in Cambridge, which provided evaluation, installation, calibration and repair of instruments in locations from Main Street to Memorial Drive.

In 1976, George moved to the Vision Research Department at 2 Osborn Street. There he provided design and assembly of myriad prototypes to support vision research experiments. He later utilized varied printer and scanner systems to produce Polaroid Replicas.

In 1988, George joined the Polaroid ID Division. There he worked to create intricate secure designs for high security identification for driver licenses, voter ID cards and facility access IDs. He helped provide software control programs to produce secure documents, and he designed security devices until leaving Polaroid in 1999.

*Two veteran Board members, **David Bayer** and **Maryann Hall**, have served their three terms and will be retiring from the board. They have our thanks for their many years of dedicated work for the PRA.*

David Bayer

David joined Polaroid in 1971 as a Senior Accountant in the Film Division. He remained with Polaroid and Petters through the final Chapter 7 filing.

David joined the PRA Board in 2014, and served as a long-time liaison for Luncheons at the Lantana venue, and has also been an integral part of the Finance Committee. After moving to Virginia, he has been participating on the Board for the past year via Zoom.

Maryann Hall

The recent survey of PRA members highlighted what we already knew: the most appreciated article in each *Newsletter* and the most visited column on the PRA website are in the “In Memoriam” columns. Both postings are the work of one person, Maryann Hall. Her interest and compassion show through in each posting

For the past 10 years, Maryann has been the sole author of the “In Memoriam” column. She searches the web to find obituaries of our fellow retirees scattered throughout the country. In addition to posting the announcements of all Polaroid employees cited, Maryann writes a personal condolence note to the families of PRA members, a personal touch appreciated by all.

The Family That Worked at Polaroid 1936 - 2008

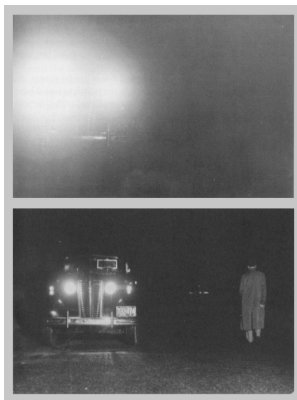
by Paul Nangeroni

Generation	Binda/Nangeroni			Jacobi	
1st		[June 1936 LW] Freddie Binda <i>Land's Lab</i>	Herbert Binda		[1935 LW] Roy Jacobi <i>Photographer</i>
2nd		nephew [Jan 1940] Joe Nangeroni <i>Vectograph, Research, Film Making</i>	nephew [June 1967] Leonard Binda <i>Material Memorial Drive</i>		
3rd	son [August 1966] Bob Nangeroni <i>Research & Film Making</i>	son [July 1969] Paul Nangeroni <i>Research & Film Making</i>	wife [Dec 1969] Mary Vogel Nangeroni <i>Research</i>	Freddie Binda grand nephew [1980] Mark Woodward <i>Camera Making</i>	Roy Jacobi grand nephew [April 1966] Robert Raybon <i>Film Making</i>

From the mid-1930's to 2008 the Jacobi, Binda, Nangeroni Family worked for Land Wheelwright (LW) Laboratory and Polaroid Corporation. The first generation (top row) lists the Binda brothers and their brother-in-law Roy Jacobi.

First Generation

The story starts with **Freddie Binda** and **Roy J. Jacoby**. Freddie was one of seven siblings. Children of two his sisters worked at Polaroid. Freddie Binda started work at Land-Wheelwright Lab, the precursor to Polaroid, on 5/6/36. Prior to that he had worked for his brother-in-law **Roy Jacoby**, married to Fred's sister, **Eugenia**. Roy was a photographer for the *Boston Post* newspaper.



He also had a commercial photography storefront on the 1st floor at 168 Dartmouth St. in Boston. Land-Wheelwright Lab was at the same address on the 3rd floor. Later, Roy also went to work for **Dr. Land**, doing many of the early Polaroid advertisement photos. Roy is credited as the photographer of the famous photograph of a night scene, showing the advantage of polarized headlights and visors. The pedestrian in the road in a long trench coat on the road was Freddie. **Lou Chubb** was the driver of the car. In May, 1943, a Polaroid organizational chart listed Roy under **D. Kriebel** as "Photographic Service". Dick Kriebel at the time was Polaroid's "Public Relations Secretary".

At some point Roy advised Freddie Binda to approach Dr. Land for a job; and he was hired. Freddie worked his whole Polaroid career directly for Dr. Land. At one time in the early days he was Paymaster.

Freddie had nine patents, many on improved polarizers. **Victor McElheny's** book *Insisting on the Impossible* describes Freddie's 1944 experiments making the first pods for "Instant Films."

Second Generation

Joseph Nangeroni's mother Jeanette, was Fred's sister. In the early days during WW2, Joe was assigned by Dr. Land to work at the Naval Photographic Lab in During the introduction of instant photography in



Above photo: Side view of Joe Nangeroni (left edge) behind the camera with Dr. Land in front of it.

Left photo: The iconic photograph of Dr. Land

New York City, Joe was the operator of the large camera that made the first “public Polaroid photograph” that Dr. Land peeled apart.

Joe was sent to Korea as Polaroid’s rep. An early Polaroid Newsletter in 1951 (*The Polascope*) gave him the title “Our man in Korea.” Later, Joe was the manager of the “Y Lab” in W1, that made nuclei for the original black and white films.

Leonard Binda, another of Freddie’s nephews, was a Materials Coordinator at Memorial Drive. Another grandnephew, **Mark Woodford**, worked in N1 in 1980. Roy Jacoby’s grandnephew **Robert Raybon** had several assignments including 4x5 film; the rotary battery program; and the pod program that replaced lead with aluminum.

Third Generation

Robert and Paul Nangeroni are Joe’s sons, and Freddie’s grand nephews. We worked together for our whole Polaroid careers. We worked for **Lucretia Weed**, our colleague until 1988. In Lucretia’s lab at 2 Osborn St, along with **Frank Debruyne, Jonathan Doran, Barbara Hitchcock**, and, early on, **James Whelan** and **Chris Daly**, we worked on project Sesame, Polavision, 35mm-instant products, Polachrome, Polapan, Polagraph, Polablue, and Polalith. Robert came up with a very different goo formulation that resulted in a remarkably stable Polachrome image. Today after 45 years, one sees no image change or degradation. In 1987, our last year in Cambridge, Dr. Land’s group Dept. B55, had roughly 30 people in five different areas. We worked with Lucretia on a subtractive transparency film, using a different technique to the existing Colorgraph overhead transparency film, available in 3x4 and 8x10 formats. Others in B55 included **Mary Galvin, Jim Cowan** and **Dennis Slafer**.

After the 1988 severance Robert and I moved to W4, working on Black and White peel-apart films. Robert made many improvements in those films, including changing the developer for T55, and in three days figuring out a way to make T51 film, that the company was going to discontinue. He also solved the long elusive source of image “contamination” in the 4x5 packets. He made a high speed “immunoassay peel-apart film” that sold enough packs to fund the program that I was working, an integral B&W immunoassay film for ZymeTx Inc Pharmaceutical, to detect influenza.

I worked on improving T667, Polapan 3200B, Polapan 400 (came up with a way to eliminate “gray bar” in 4x5 Coaterless B&W films), and Photo Moire with **Jeremy Jones**. I worked to make Tuxedo B&W integral film for use in SX-70 cameras and received a patent for same along with **Fred Cramer** and **Barry Corden**.

During my career I also met and married my lovely wife **Mary Ann Vogel** who started in W4 Polymer lab, later had a variety of jobs throughout the company. (Working in 750M Analytical with **Fred Wallace**, in 730M Physical Chemistry; back to W4 Evaluation with **Larry Kunz**. Later, Project Phoenix with **Richard Cottrell**, then W2 Release with **Dave Coutts**, along with a 6 month assignment in Enschede, in 1986. Then in W1 with **Tom Denoto**, she did B&W sheet research on nuclei with **Mary McCann**.

My brother Robert and I ended up sharing a cubicle, until severed in late November 2008. We had a truly wonderful time at Polaroid, and value our experiences, as well as all the interactions with so many incredible people. We are very proud of the work we did, and the work our family did over Three Generations.

Memories of 600 Main St. by John Flynn

600 Main St. was converted from a former automobile sales and service operation to a development facility when it came under Polaroid’s ownership. I can’t find any record of Polaroid’s purchase of the building but it must have been sometime in the ’50s before the construction of W4. 600 Main became the nexus between Chemical Research at 730/750 Main St. and Waltham Production during a period of exciting growth of the company. At its peak the facility employed about 100 scientists, technicians and supervisory personnel.

It was at 600 Main St. that I had the most interesting and challenging (chapter) of my Polaroid experience. I started at Polaroid in W6, Waltham, in 1966 and transitioned to W1/W5 where I was a Principal Engineer in charge of the analytical labs and B&W coatings. I later became the Technical Manager in the newly formed Custom Coating group, which

focused primarily on B&W coating technology and also on Polacolor.

Because of some analytical work I did on B&W coating and reagent chemistry, I was asked to join a newly formed B&W task force, commissioned by **Dick Young**, VP of Research and Development, to help bring some characterization to the secret world of B&W technology. This task force quickly organized around regular 6:00 p.m. meetings on the second floor of 2 Osborn St. in Cambridge.

The Coaterless B&W product was moving from the development phase to pilot scale, then to full-scale manufacturing. This necessitated the application of process and analytical control procedures to the coating and fluid mixing processes. These processes were being developed at 600 Main St.

(Continued on page 6)

(Continued from page 5)

This chapter was to last for about six years. During this time I became the technical manager of “on the floor” pilot coating facilities at both 600 Main and 640 Memorial Drive for B&W sheet, SX70 sheet and other miscellaneous new product development programs. During this time, I learned of the workings of all aspects of the 600 Main St. physical plant and the people who roamed its halls and laboratories. It was a rabbit warren of offices, dark rooms, testing areas and chemical synthesis vessels. These included the pilot reagent development lab and a chemical synthesis lab “out back” in the building.

There were at least 100 employees working in the building among the three major areas at any given time. It seemed that the hourly employee population were all males from the greater-Boston cities around Cambridge. They were very talented and hardworking group, - and many were also members of the Employees Committee that exerted much influence on the day-to-day running of the facility.

The pilot labs had the responsibility of making hundreds of experimental batches of coating solutions and reagent batches to be tested for effectiveness in the final Polaroid products that were featured on the shelves of film and camera stores all over the world.

It was in the 600 Main laboratories that new chemicals, created at 730-750 Main, and tested for efficacy at Osborn Street, were produced at pilot scale before being approved for production. If approved, they were then transferred to Waltham for incorporation in reagent, in negatives or in sheet formulations at manufacturing scale.

All these experiments were conducted at the “request” of **Edwin Land** or one of his assistants: **Nick Hadzekariakedes**, **Frank Martin**, **Bob Stephens**, **Arnie Spiegel** or other researchers from 2 Osborn St. There was always an atmosphere of urgency to get experiments done ASAP and submitted to 2 Osborn St for evaluation in Land’s lab for approval for us. Nick always had the highest priority for coating time. It was always “stop what you were doing and run his latest experiment.”

Some of the key players involved in 600 Main St during that time included **Sid Kasman**, **Nick Hadz**, **Bruce Collins** and **Charlie Chiklis**, who succeeded Bruce as lab directors, and **Bill Hodes**, Analytical Lab manager. I reported my work to **Len Aberbach** who became director of B&W technology under **Bob Delahunt**. I had lots of bosses it seemed.

One of my contributions in my years as both 600 Main Pilot Coating Manager and the Coaterless B&W

tech support manager was the development of a curl-correcting back coat which finally allowed us to eliminate the klutzy sticky-back photo mounts that were required to prevent the photo from curling up into a tube. It turned out to be a simple solution that involved making the back coat out of the same polymeric system that was used to formulate the image coatings on the face side. I was granted a patent for this invention.

In those days, a lot of secrecy was standard procedure for protection against piracy. It was essential for the protection of the company’s market dominance. All chemicals and new products were given code names by **Frank Martin** to protect from espionage by folks who would try to copy and steal them from Polaroid. The system worked very well until the “invasion” of Eastman Kodak and Fuji Film. They were able to use reverse engineering to achieve their competitive goals. And the race was on!

600 Main St. participated intensely in the Kodak patent suit. This defense effort took precedence over all other priorities until the conclusion of the lawsuit. The suit ended successfully in enjoining Kodak from continuing to manufacture and sell their version of the Polacolor product, and assessing an approximate 800 million dollar judgement.

Not too long after completion of the patent defense work and the introduction of the SX70 sheet development work, I transitioned back to W1 to take over the technical management of all B&W sheet production and to replace **Bertil (Bud) Ostberg** and **Joe Nangeroni** who were about to retire.



John Flynn at W6, 1966 - Chemical dyes for Polacolor later SX70, and some developer chems.synthesis. A big difference from analyzing jet fuel and gasoline additives. Worked on development of catalytic converters. The oil companies were more concerned about smoky exhaust fumes than CO2 accumulating in the atmosphere and blocking heat.

*Do you have a story about the building you worked in?
Were there memorable characters who always brought a smile?
Were there special challenges that people in the building rallied together to solve?
We'd love to hear about it and share it.
Write to the Editor at NEWSLETTERPRA@GMAIL.COM*

Adventures in the Sales Division

Ed Byrnes writes...

In the summer of 1965, I returned via Pan Am from a 2 day London meeting I had attended. I knew from other Polaroid 'internationalists' that Pan Am offered their international passengers a helicopter connection to downtown Manhattan. Since I had to overnight in the city for a pending business meeting the following day, I decided to take their 10–12-minute helio flight into the city.

After clearing customs, I headed to Pan Am's helicopter departure gate and met with about a dozen passengers awaiting boarding clearance. Shortly thereafter we were airborne and headed to Manhattan.

The copter flight reminded me of my first teen-age roller-coaster experience, thrilling but a tad frightening. The visuals of quickly approaching Manhattan's impressive skyline by helicopter were quite hypnotic but they quickly raised the question where exactly do we set down?

Once the Pan Am building at 200 Park Ave came into view the answer was immediately obvious. The helio landing pad was not located upon mother earth but the roof of the 59 story Pan Am building, some 800 feet above Park Avenue. Wow! A surprise indeed and a tad frightening for the high-in-sky landing zone appeared to be of small area and located relatively close to the roof edge.

Fortunately, it was a clear sunny afternoon and the pilot quickly landed on the center of the zone. We quickly exited the copter, whose blades were still rotating, albeit in neutral, and quickly headed to the roof exit passing along the way a group of passengers awaiting to board. If asked, would I ever take the Pan

Am helicopter service in the future, I suspect I would demure and say it would depend on circumstances.

Pan Am's Helicopter service to Manhattan had its sound or noise critics, particularly those who lived or worked within the general area of the Pan Am building. The helicopters of the 60's generated high levels of acoustic sound which was further amplified by the high-rise canyons of Manhattan, thus provoking serious noise objections to their continued usage. Pan Am listened to the criticism and shut down their helio service in 1968, thus ending some 3 years of operation.

With the introduction in the late 70's of more efficient and alleged, far quieter helicopters, Pan Am reopened its helicopter service to and from New York's three regional airports in 1977. Unfortunately, it was not to be a successful venture for Pan Am.

Some three months into the service, a terrible and most tragic accident occurred at Pan Am's high-in-the-sky heliport. The details are vague at best but what is known is that an incoming chopper landed safely upon its pad but then inexplicably rolled over on its left side towards the roof edge. Of the various opinions put forth as to cause, the collapse of the left landing wheel structure was deemed the most probable.

Whatever the cause, the ensuing situation was horrific. When the whirling blades of the tilted helicopter hit the roof, they shattered and fragmented into high velocity shards that flew into standby passengers with devastating results. Five of the pending passengers died outright and eight were severely wounded.

That scene ended Pan Am's service to and from their roof top helicopter pad.

...and Ed Kandel writes...

I joined Polaroid in January of 1975 as a salesman in Eastern Pennsylvania, reporting to Bill Timmons district manager in Paramus, NJ. My first week on the job involved going to the national sales meeting at Disney World. Coming from Procter & Gamble, Polaroid was an eye opener.

My best memory of the meeting was seeing the National Account Manager of New York getting his award of NAM of the year, which gave me a goal to shoot for. After the sales meeting, I went through the extensive sales training, which consisted of taking perhaps 1,000 pictures using all the cameras. There was no other training, It was assumed that since I was a P&G graduate, I already knew how to sell.

After 11 months in Eastern Pennsylvania, I was promoted to the Boston market as senior sales person reporting to John Sullivan. I was told that this was the

premier sales territory simply because I would have 18,000 eyes watching everything I did from making sure every store had inventory to making sure every shelf was clean in every store that sold cameras. It was true.

This was also the most fun I ever had as I created several promotions involving the City of Boston and everyone at Tech Square. I was the Lone Ranger with Pronto riding a horse through the streets of Boston taking pictures with the Pronto, even riding the horse right up to Tech Square.

I had several promotions with the Celtics including the Polaroid Celtics MVP which turned out to be Dave Cowens. I also ran many many promotions with Claus Gellotte and Lechmere.

After 18 months, I was promoted to National Account Manager in New York City, and was in that position from July of 1977 to June of 1980. My last year in this position, I was National Account Manager

(Continued on page 11)

In Memoriam

Find more complete obituaries at www.polaroidretirees.org



Barletta, Adriana, 88, Groveland, MA, 12/15/22 was the wife of the late Aurelio and Anthony, and life companion of John, mother of Aurelia, Maria and

Ana, and grandmother of eleven, and great grandmother of fifteen. She worked in the Lab in Cambridge and Norwood. She loved to crochet, cook, have her daily expresso coffee, and spend time with her kids, grandkids, and great grandkids. She was a member of the PRA.



Borrer, Alan L., 88, Cape Elizabeth, ME, 12/25/22 was the husband of the late Nancy, and step-father of Donna, and father of the late

Kenneth and Robert, and grandfather of three, and great grandfather of one. He was an Organic Chemist and had many patents. Alan enjoyed his faith, golfing and photography, and his cat Blackus Coal.

Copeland, Alice B., 99, Zephyrhills, FL, 2/24/23 was the wife of the late Willard, mother of



Willard Jr., Charles, and Gayle, grandmother of ten, and great grandmother of twelve. Both Alice and Bill worked in Waltham, MA.

Alice was an Executive Secretary; Bill was a Quality Control Inspector in Waltham. You could always get Alice to play a game of cards, especially Rummy, and BINGO, She disliked vegetables and loved sweets, and had a DEVIL of a sense of humor



Beckett, Lloyd S. Jr., 88, Falmouth, MA, 1/6/23 was the husband of Ruth, father of Lloyd, Edward, Julia and Brenda, grandfather of nine, and great grandfather of eleven. He served in the U.S. Air Force (Korean War).

Lloyd was an Engineer-SQ&R, 545Tech Sq, 5th floor. He had varied interests in photography, travel, playing bridge, keeping up with the latest technologies, telling the best and worst jokes, sailing, completing the New York Times crossword puzzle daily and was a devoted Red Sox fan.



Bouchie, Robert A., Sr., 83, Gloucester, MA, 1/13/23 was the father of Ganine, Robyn and Robert, and grandfather of five. He was a Master Machinist/Model Maker. Robert enjoyed reading, traveling, photographing,

hiking, bicycling, and loved a competitive game of cribbage.

Costa, John J., 87, Walpole, MA, 2/22/23 was the husband of the late Mary Bernadette, father of Theresa, John, and Maria, and grandfather of ten, and great grandfather of one.



He was an avid bowler, enjoyed traveling to Foxwoods, and watching sports.



Cant Christel, Deborah, 63, Winchester, MA, 2/21/23 was the wife of William, mother of Samuel, daughter of Connie. She was a Sales and Marketing Executive.

Deborah's love of music was a lifelong joy, and she also enjoyed skiing, tennis, golf, photography and a myriad of other activities.

Boggs, Roger, Santa Cruz, CA, 12/13/22 was a Senior Scientist and Group Leader in the Chemical Research Department @ 730/750 Main Street for two decades.



Borges, Leonard A., Jr., 74, New Bedford, 2/24/23 was the husband of Pauline, father of David Jr., Ellery, David L., III, Daniel and Elissa, and grandfather of

four. He was an Engineer. His family, especially his grandchildren, were his pride and joy.



Carroll, Robert W., 94, Hardwick, MA, 2/13/23 was the husband of the late Marlene, father of Robert and William, and grandfather of three, and great grandfather of one. He served in the U.S. Navy (WWII). Bob's passions were gardening with Addie, fishing in the Quabbin reservoir, and hunting with the many Brittany Spaniels, all named Ginger.

Doran, Jonathan P., 76, DeBary, FL, 5/10/21 was the husband of Evelyn, father of a daughter and a son. He worked in the Engineering Division (Tech Sq.) and Osborn Street, (Cambridge, and W4). Jonathan worked with Bob and Paul Nangeroni. Jonathan was a participant at the shareholders meeting with the 12 octagons showing SX70. He was photographed using the Polavision Camera in a Technical piece about it. He enjoyed times with Dr. Land, wore a bow tie like Dr. Land and was presented with the Meerscham Pipe, a gift from Dr. Land.

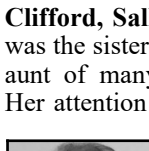


Dowse, Peter H., 86, Portland, OR, 1/2/23 was the husband of late Janet and Jane, and father of Robert and Michael, and stepfather of John and Patrick, and

grandfather of three, and great grandfather of one. Peter enjoyed quality time with Jane exploring Europe, gardening, golfing, and camping in central Oregon along the Metolius River.



Borman, Arthur C. Jr., 94, Framingham, MA, 11/17/22 was the husband of the late Vivian, father of Claudia, Matthew, Laurie, David, and Catherine, and grandfather of six, and great grandfather of three. Arthur served in the U.S. Army and played in the military band. He worked in Market Research. Arthur was an avid tennis player and sports fan, he faithfully followed the Northwestern Wildcats, Chicago, and local teams. He was extremely organized, and never missed a day reading at least two newspapers.



Clifford, Sallie J., 76, Nashua, N.H., 2/5/23 was the sister of Sandra, Nancy, David, and aunt of many. She was a Team Manager. Her attention to detail was so valued by Dr.

Land that he personally requested her assistance on multiple research projects. Sallie was a woman of many interests, talents, and hobbies. She loved holidays, parties, bingo, lottery tickets,

Foxwoods, traveling socializing and bargain hunting.

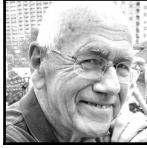


Fasolino, Ludwig G., 94, Wellesley, MA, 2/1/23 was the husband of Marie, father of Ellen, Daniel and Catherine, and grandfather of three. He served in Germany as a musician, shortly after

WWII as a clarinet and saxophone player and was a jazz lover. He worked in developing the flat battery used in the SX-70 camera. His numerous published papers are classics currently included in the archives of the National Bureau of Standards

In Memoriam continued

Publication of the Thermochemical Properties of Metal. As an amateur radio enthusiast he participated in emergency training drills as well as communications via satellite; was also a square dancer, a national park camper, a world traveler, and a lover of all forms of music.



Hubert, William "Bill", 77, Walpole, MA, 8/24/22, was the husband of Kathleen, father of Elise, and Eileen, and grandfather of four. He worked in Welfare and

Boston, loved nightlife, Latin dancing and earned many trophies for his performances and traveled all over the world, including Europe and Asia.



Friedman, Mel, Palo Alto, CA, 1/26/23, 83, was the ex husband of the late Marie, father of Ken, Karen, and Jillian, and grandfather of eight, and great grandfather of one. He will be fondly

remembered for his ability to finish a Kimball's ice cream special, his insatiable appetite for Chinese food (or anything that wouldn't eat him first), and his love of (often inappropriate) jokes.

Benefits. He enjoyed reading, taking walks in nature with his wife, travelling, playing golf with friends, spending time with his grandchildren, and with his many beloved friends and family members. He was a member of the PRA.

Mullen, Ronald, F., 84, Cambridge, MA, 8/19/22 was the brother of John, Patricia,



and the late Daniel, uncle of many and the lifelong friend of Claudette. He worked in the Chemical Stockroom (730 Main St.). Ronald was an active communicant of St. Mary's Parish, and with many Inman Sq., friends, acquaintances and business owners..



Kahn, Thelma, H, 94, Dorchester, MA, 3/15/23 was the wife of the late Ernest, mother of Lisa. She enjoyed sewing, reading, bowling, and all kinds of crafts. She

recently discovered her new love for Sudoku and word searches.



Samalis, Frances L., 73, Londonderry, NH, 12/31/22 was the wife of Charles, mother of Erica, and sister of three. She was a Supervisor. Frances loved cooking for family and friends and was especially known for her

Fustolo, Joseph, 76, Reading, MA, 2/5/23



was the husband of Caroline, father of Joseph Jr., Michael, and grandfather of two. He was a Master Machinist. Joseph had passions for tennis, movies, and dancing, and was known for his

charisma, positive attitude, and ambition. One of Joseph's favorite quotes was "Take one day at a time."



Keough, Elizabeth (Betty), 84, Davenport, FL, September 22, 2022 was the sister of Maureen and aunt of several nieces and nephews. Betty was very active in her Pola

Park East community. Her sister Maureen along with several nieces, nephews, friends and her beloved fur baby Nitro will miss her greatly. Betty worked in the Waltham Data Center supporting Telecommunications.

exceptional fudge. An avid animal lover, Frances rescued many dogs and cats throughout her life.

Gawronski, Harry E., 87, Blackstone, MA,



1/27/23 was the husband of the late Carole, father of Marc, Lisa, and grandfather of six. He served in the U.S. Marines, (Korean War). He worked in Waltham. Harry

enjoyed golfing in the Ho Ho Golf league, and many years bowling in the Wednesday Automotive Bowling league in Woonsocket, RI. He also loved shooting pool and playing cards. He was an active member of the Blackstone Polish-American Citizen Club and enjoyed watching sports, especially the New England Patriots.

Libertowicz, Halina M., West Roxbury, MA, 1/ 22/23 was the wife of the late Stanislaw, mother of Jolanda, "Babcia", Marcela, and Marco. She was a voracious reader, and a lover of music, old movies, and



musicals, and enjoyed Polish culture, European history, cooking, and baking, crocheting doilies and playing seamstress for all her grandchildren's costumes.



Sheehan, Charles J., 93, Winter Springs, FL., 2/7/23 was the husband of Sheila, father of Nancy, and Dennis, grandfather of three, and great grandfather of two. He served in the U.S. Navy (Korean War) and the Navy Reserves (Lt. Cmdr.). He worked as a Chemical Engineer. He enjoyed his retirement in Florida.

Gignac, John D. Sr., 88, Williamsburg, VA



2/13/23 was the husband of Joanne, father of John, Michele, Gina and Lauren, and grandfather of ten, and great grandfather of five. John worked holding various

roles, and retired as Director of Manufacturing and Product Development. He enjoyed traveling, wine and his beloved New England sports teams especially the Patriots and the Red Sox. He was a member of the PRA.

Marino, Salvatore F. "Sal", 85, Chelsea, MA, 2/6/23 was the brother of Charles, and the late Stephen, and uncle of Stephen, David and Maria. He was a Lab Technician. Sal was a longstanding member of the Chelsea Yacht Club and enjoyed his time spent working at the Theaters in Downtown Boston. He was a member of the PRA.



Stern, Burton, 85, Newton, MA 3/9/23 was the husband of the late Demetria, father of Cynthia, Stephanie and the late Mark, and grandfather of three. Burt was a skilled fisherman, avid bird hunter, enjoyed gardening and adopted several rescue animals. At age eighty-five he had a full head of hair.



Meli, Salvatore, "Sal", 88, Milford, MA, 1/26/23 was the brother of Maria, uncle of Lisa, Kenneth and David, and great uncle of Patrick, Jake and Kenneth. He worked in Waltham. Sal

was a member of the Italian Club in East

Whistler, Vera, 92, Needham, MA, 10/23/23 was the wife of Ross, mother of Peter and the late Timothy. She was an avid horsewoman, loved music, played the harmonica, organ, piano, and guitar, sang in the Dover Church choir and walking the woodland trails of Dover and Natick.

Sign up for the Monday, May 22nd, Spring Luncheon!

**PRA Spring Luncheon and Annual Meeting
The Warren Conference Center, 529 Chestnut St., Ashland, MA
Monday, May 22, 2023**

We hope you'll join us!

Overlooking the Ashland Reservoir and 100 acres of woodland, the Warren Center is midway between Framingham and Hopkinton. It is wheelchair friendly. You can see photos, directions from Boston, south, north and west, and more at:

<https://www.warrencenter.com>

**10a.m. Registration,
Conversation & Coffee**
11a.m. Business Meeting
11:30 Cash Bar and Social Time
12:15 Seated for Lunch

FREE for PRA Members!**
\$40 for Non-Members!
Thanks go to
DIRECT FEDERAL CREDIT UNION!

- Chicken Roma:** pan seared breast of chicken, prosciutto, tomato, basil, mozzarella, roasted tomato beurre blanc & balsamic reduction drizzle
 - Baked Haddock** with herb crusted, lemon beurre blanc
 - Wild Mushroom Ravioli** with shallot cream, roasted red pepper coulis, seared shitake mushrooms
- Chef's choice of vegetable, breads, salad, coffee, tea & dessert.*

<i>Name for Name Tag</i>	<i>Chicken</i>	<i>Fish</i>	<i>Mushroom</i>

Make checks payable to: **Polaroid Retirees Association, Inc.**
Mail with this reservation form to: **Bob Ruckstuhl, Polaroid Retirees Assn**
P.O. Box 522
Rowley MA 01969

Registrations and luncheon choices must be received by May 3.
In case of an emergency, email to praemail@comcast.net

**** NOTE:** **Your PRA dues must be up to date through 2023 or have been waived (see your *Newsletter* address label) to take advantage of this generous offer from the DFCU. Use page 12 to pay your dues.**

(Continued from page 7)

of the Year. I reached my goal set, the first week with the company.



Fred & Dave



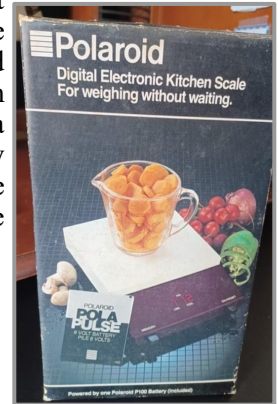
Fred & Sliver

In June 1980, I moved to the Battery Division reporting to **Mike Suvall** with direction to put the PolaPulse Battery into retail. This was probably the biggest challenge of my life, the most meaningful, and the most frustrating. Our offices were on the fourth floor of 784 Memorial Drive.

We faced a chicken and egg scenario because we couldn't get the battery into distribution unless there were products that incorporated the battery, and we couldn't get products until the battery was available in retail stores.

As a result, we were forced to introduce our own products, some of which Polaroid engineers played a big role. These products included the Polaroid Safety Flasher, Polaroid Bold Alarm, and the Polaroid Kitchen Scales which was 20 years ahead of its time. Unfortunately, we failed, but the experience was the greatest.

I am proud to tell anyone who will listen, that my time at Polaroid was the best, most enjoyable years of my life. We were the Apple of the time, and could never be duplicated. When I think about 1975 to 1983, a smile always comes to my face. the products, the experiences and the people were the greatest.



Were there crazy Polaroid projects that you had fun doing?

What were your adventurous Polaroid business trips?

We are interested in the "Life after Polaroid" stories too!

We are looking forward to seeing our friends and colleagues in person again!

Our repeated postponements have all been due to COVID.

While the risk of COVID appears much reduced, it is still with us.

We request that all attendees read the policy below, and be mindful and respectful of our policy

PRA COVID POLICY

It is important that we adhere to proven health practices to protect the wellbeing of our membership.

The Polaroid Retirees Association COVID-19 policy for the May 22 luncheon is consistent with that published by the CDC and is as follows:

- Vaccinations, including boosters, are recommended.
- Masks are welcome and their use is encouraged.
- Respect those who choose to wear masks as well as those who choose not to do so.
- Moderately and seriously compromised individuals should check with their doctor before attending.
- Monitor your health for symptoms of COVID.
- If you feel sick, do not attend the luncheon.

The service staff of the Warren Center is not required to be vaccinated or to wear masks.

