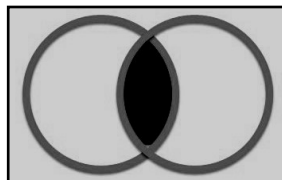


NewsLetter



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Polaroid Retirees Association

April - June
2019

THIS PUBLICATION IS SOLELY FOR THE USE OF THE PRA MEMBERSHIP
POLAROID RETIREES ASSOCIATION, INC. P.O. BOX 541395, WALTHAM, MA 02454-1395
WEB SITE ADDRESS WWW.POLAROIDRETIRES.ORG

Letter from the President

Dear PRA Members,

We're changing the time of the May 2019 luncheon! Doors will open at 9:30, the business meeting and speaker session will start at 11:00, and lunch will be served at 1:00. This will allow those with difficult commutes in morning traffic to arrive anytime before 10:30, and those who want more time to socialize to arrive anytime after 9:30. We'll assess how well this change works after May's luncheon.

Once again May's luncheon will be underwritten by the Direct Federal Credit Union, for whose generosity we remain very grateful. Your lunch will be at no cost to you as long as your dues are paid through 2019. Non-member guests, and those whose dues are in arrears, will be required to pay the normal \$25 fee. See page 11 to register.

The annual meeting of the PRA in May is the occasion for elections to the Board of Directors. This May, Elizabeth Foote and George Murray will be nominated for their third, three-year terms; Arthur Aznavorian and Mary McCann will be nominated for their second three-year terms. Jim Mitcheson will be nominated for his first full term, and a new board candidate, Gail Barton, will be nominated for her first term.

At our October meeting, some of you shared photographs taken during your time at Polaroid, and we'd like to invite others to do the same in May. I got several comments about how much attendees enjoyed the display.

May's speaker will be Dr. Elizabeth Collins, Medical Director of Palliative Care at the Lahey Hospital Medical Center, who will speak about palliative care and the choices patients have in lessening the burdens of illness.

This will be my last opportunity to share my ramblings in the Newsletter's "President's Letter." My three years as president will end at the May annual meeting. It has been my honor to serve as your president, and I look forward to continuing to connect with old friends and to meet new ones through this wonderful association. I leave office confident that we have an amazingly talented Board of Directors, and a strong membership.

See you soon,
George Murray, President

Board of Directors

Officers

George Murray
President

Richard Rosenblatt
1st Vice President

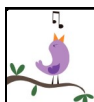
Arthur Aznavorian
2nd Vice President

Nino Dilanni
Treasurer

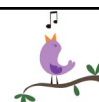
Mary McCann
Secretary

Directors

Dave Bayer
Larry Chelmow
Al Clark
Milt Dentch
John Flynn
Elizabeth Foote
Maryann Hall
Eva Karger
Erika Kliem
Jim Mitcheson
William Rosen
Bob Ruckstuhl
Eric Thorgerson



Save the Date: Spring Luncheon, Wednesday, May 15, 2019



Memories of the Early Days at Polaroid by Ed Byrnes

Ed's stories continue! You'll find more in the previous four *Newsletters*.

The Glory, Chapter 2

Tempus fugit. The two members, George [Fernald] and Ed, of Polaroid's freshman class of 1951 have matriculated through two distinct time odysseys, the first being that of youthful desire beckoning to the *PLAYBOY* life-style philosophy, formulated and exhibited by the ubiquitous Hugh Hefner. Exciting times indeed but they lacked stability and direction. It was an epiphany of love that led both to their second odyssey - one of marriage, children, family and long-term objectives.

George being George was on a fast track. I, on the other hand, well, let's simply say I was a walking bodega of artifices, having paid homage to sunglass, technical polarizer, industrial and other sales curios. As of this time period, I hold the august title of Director, Medical/Scientific Product Sales.

Should one find the term "medical" sales confusing, then let me quickly explain. CT scanners are well known, and I dare say many of you reading this episode have had the displeasure of being so scanned - hopefully with positive outcomes. What is perhaps not well known is the history behind this life-saving diagnostic tool.

Unseemly as it may be, EMI, a legendary British company best known for its music and recording business, gave birth in the late '60s, to "X-ray computed tomography." The initial code name given to the new evolutionary diagnostic system was "EMI Scanner." This term was quickly replaced with the simple acronym CAT, which translates to "computed axial tomography." You might rightly ask where this technical tale is leading and the answer is: to a heap of Polaroid treasure, albeit a time-dependent one.

Sir Godfrey Hounsfield, the scientist behind the development of the CAT scanner, chose for whatever his reasons (I would suggest brilliance) to output CAT data onto Polaroid film for instant availability. I use the word instant in a relative sense for 60+ seconds cannot be construed to be instant. Adding a tad of additional drama, the B&W film of the time required print coating for archival status. This was messy at best and some technicians, unhappily so, developed skin irritations from the coating gel. Fortunately, the minor irritants associated with the use of Polaroid film were passed off as part of life; thusly, Polaroid film became the standard recording medium of CAT scanners.

The private medical community, i.e. plastic surgery, breast implants and

so forth, was opportunistic. They quickly adopted the new CAT scanner (\$\$\$maker) and set up clinics throughout the country along with their country cousins, Hospitals. In a short period of time untold millions of B&W film packs were being consumed by CAT scanners worldwide. Note: in time the acronym CAT was replaced with CT for simplicity.

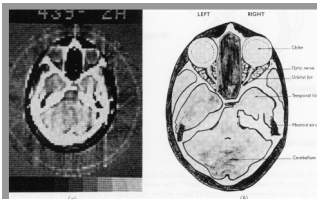
Recognizing a golden sales opportunity, Polaroid created a National Medical/Scientific Sales Organization of which I was given the opportunity to lead. We quickly consolidated imaging from all the various diagnostic sciences such as nuclear medicine, ultrasound, endoscopy, microscopy, etc., under the Medical/Scientific Sales banner. Polaroid was on a roll, for at its peak some 40% of B&W and a significant volume of color film sales worldwide were for medical/scientific applications.

In time, technical innovations such as larger film formats and direct electronic reading technologies eliminated Polaroid imaging from CT scanners and, with but a few exceptions, from all the other diagnostic sciences. One might logically ask, could Polaroid have kept up with imaging innovations and thus kept a percentage of the medical/scientific business? Personally, I believe yes, for we had the talent but not the corporate interest. One might point out that the loss of the medical/scientific imaging businesses could be considered one of the first (many to follow) undetected seismic tremors underlying Polaroid's strategic business planning, a situation that in time would lead to its failure as a viable corporation.

Stan Calderwood, having reached his last objective as Senior VP responsible for World Wide Sales/Marketing, convened a worldwide sales meeting to assess present and future business opportunities. To keep the agenda business focused, he opted for a venue in the deep woods of NY called Tuxedo, thus cleverly avoiding competition from otherworldly temptations.

The first evening of the three-day event, which quickly took the name, "Tuxedo Junction" (a paean to Glenn Miller?) was very informal and socially festive. The reps from the 5 Kingdoms (N. & S. America, Europe, Asia, Far East) were communally gathered about and enjoying Polaroid's unique collegiality and definitely looking forward to their individual presentations. A pending competitive forum indeed.

The word "collegial" definitely fell off script during the following morning sessions. Stan, playing a Grand Inquisitor role, questioned and dissected every marketing/sales/financial proposal presented. As one might expect under such prosecutorial oversight, puffery or less thought out proposals were quickly scored, debated and excised to the point of embarrassment. Fortunately, there were but few.



On balance, day one presentations were informative, on point and all went well with one exception. One of the European presenters became so violently upset with Stan's questions that he simply packed up, left the meeting and flew back to Europe. I believe he resigned shortly thereafter.

Dinner that evening gave all attendees the opportunity to meet our new Divisional VP of Europe, Tom Wyman. To be truthful, we all had some advance knowledge of Tom because Stan had previously issued an internal APB listing his business accomplishments which tended to heroic lyrics. Admittedly, I initially misread the announcement and somehow confused the word, Andorra (a principality between France and Spain), the site of Tom's business accomplishments, with Angora (fur). Thusly, I was tempted, during the cocktail hour, to ask Tom for his preference of terms: Cat-man, Rabbit-man or Goat-man? Fortunately, sanity prevailed and I demurred.

Day two session opened in a positive atmosphere. The overdosed caffeine presenters of the day were eagerly preparing their overhead slides for that moment of management recognition as competent players. I held position three of the a.m. schedule and when my turn arrived, I posted my first slide, "A happy looking Beagle wearing polarizing sunglasses." This was the very first time the story of Herapathite/dog/ureic crystals, et-al, was presented to Polaroid management. (See Ed's article in the Q3 2018 *Newsletter* for more about the origin of polarizers and the fate of the poor dog.)

Well, the room quickly darkened with the heavy silence of anticipation of some magical or disastrous epic forthcoming. Stan and Tom were holding looks of disbelief and were obviously looking for enlightenment. I don't remember my exact words, but they went something like; "Before presenting my business plan I thought it appropriate to take a moment to give thanks to those who made it possible for all sitting here today." I then described how Polaroid evolved from the Land-Wheelwright Lab which in turn evolved from, well, you know, dog urine.

For a brief queasy moment, I thought I may have pushed my Polaroid citizenship a tad too far. Suddenly, Stan slammed the table, startling (if not awaking) Tom, jumped up madly laughing in high spirits. The stress of the moment passed and the rest of my presentation went well, as did all the presentations of the day.

That evening at the farewell dinner, Tom presented me with a kid's Robin Hood archery set with green faux felt hat (still had Walmart price tags of \$9.99) as a gift for reminding all of our humble origins. This was definitely an unexpected surprise. So unexpected that my cynicism, birthed at pubescence when tooth fairies were outed as frauds, suggested a deeper meaning behind the gift. The best I could muster: Tom was to present the archery set to the group whose business plan best

matched Corporate objectives, thus symbolizing, if I may conjecture, a Robin Hood arrow to center of target.

I am guessing that the many equal contenders presented a problem of choice. Thus, plans were quickly switched to avoid any internal conflict. As luck would have it, my dog act gave them the perfect cover to award (dump?) the archery prize for a non-competitive performance with no ill feelings to all.

Upon returning to my Cambridge office, I so happened to meet Dr. Land in the elevator. He looked at me and, as I feared he might, asked, "Ed, what's with the Robin Hood outfit? Should I be concerned?" Obviously, the dog-quinine epic was a no-no, so I spun a tale of it being the "booby" prize at the International Sales meeting. He laughed, smiled with a twinkle in his eyes and departed. I had the feeling he knew the truth, but to the good news, I still had employment.

Although technology has given birth to untold fascinating products, aircraft window shades have not been among the inventory. For some 50+ years aircraft windows have depended upon a simple plastic shade mechanism to control illumination. By modern aircraft design standards, pull-down plastic shades are outliers that belonged in museums.

In the early '70s Lockheed Aircraft approach Polaroid looking for ideas to replace window pull-down plastic-fabric shades for their new aircraft, "Electra," under development. The polarizer division was tasked with organizing a design team to assess, evaluate and propose a viable alternative to current window shades. In time and with the technical assistance of the acrylic window manufacturers, an elegant "variable light transmitting window" design was conceived. By simply pushing a simple tab, one could control the window transparency from clear to opaque. Farewell to pull-down shades!



Polaroid Sight-Conditioning Windows, Union Pacific Railroad, 1938. Polaroid Corporation Administrative Records. Harvard Baker Library, Harvard Business School

There was but one issue left to assess and that was the probability of eye retina damage if one were to stare at the sun while in the full dark window mode. Dr. Richard Young, who at the time was Research Director, was given the task to obtain answers to the riddle. Dick's chemists quickly suggested an appropriate IR absorbing dye they thought would work. It simply required testing, but ah, how to test? Fortunately, Dick was familiar with a Dr. Hahn at UVA who allegedly was an authority on the subject so samples were sent for evaluation.

Long story short, Dr. Hahn exposed the eyes of a chimp to intense radiation and fortunately for all, particularly the chimp, the IR dye worked. Thank heavens, for rumors at the University were starting to heat up about someone burning the eyes of chimps.

The program to launch an elegant high-tech window for the aircraft industry was ready for initiation when an unexpected problem arose. Our Polarizer manufacturer management suddenly feared the responsibility of both product warranty and stability of product and thus convinced senior management to kill the program. As you might expect, Lockheed threatened legal action for they had sold the VLT window concept to their airline customers who loved the high-tech window concept.

I shall pass on the tedious, frustrating internal conflicts that followed and simply focus on the four-man team that flew to Lockheed to negotiate and hopefully reach some form of a compromise. Three members of the team were senior managers and the fourth of course was I, the sales guy who initiated the original project. My senior managers gave forth with such legendary, unctuous litanies of "why," "wherefore" and "what have you" so ef-

fectively that Lockheed management/lawyers, although greatly disappointed, simply gave up and said fine, the issue is over and closed. However, they did make one last threatening comment: "Byrnes, you best never be seen in any future Lockheed facility worldwide."

In fairness, it should be noted that Polarizer management did acquiesce to make and sell subject VLT windows to Beach Aircraft for their small King Air aircraft which had but some 12 windows. It should also be noted that Boeing, who was well aware of the VLT window program under development for Lockheed, also gave serious consideration to specifying our polarizing VLT windows for their new 747 aircraft under construction. Nor did it require reading tea leaves to appreciate that other aircraft manufacturers might have serious interest in replacing the ancient window shade technology with a "spiffy" high tech window vision system.

Polarizing VLT aircraft windows were, in the opinion of many, another lost business opportunity. Why? Because the timing for such a program was near perfect. The commercial aircraft manufacturers and their airline customers were desperate to replace the 50- to 70-year-old window shade technology and we kicked the opportunity down the street. Such decisions have consequences and in time, they find their way to financial bottom lines.

*Stay tuned for Ed's next episode of Polaroid's Fabulous Reign: **The Glory Chapter 3***

Meet New Board Member John Flynn

John Flynn joined Polaroid in 1966 as an Analytical Chemist in W6, where he developed and wrote analytical methods for dyes and developers for Polacolor and Coaterless B&W film products.

After a stint as Lab Supervisor for W1 & W5 labs, he joined the Coaterless B&W team in Cambridge. At this time John became Supervisor of the Pilot Coating facilities at 600 Main St and 784 Memorial drive, Cambridge, where he oversaw the Kodak patent experiments along with other film coating programs.



Subsequently, John returned to W1 & W5 as Process Engineering Manager for B&W and color coating processes. He ultimately transitioned back to Cambridge as a Technical Marketing Manager for new film products at 565 Tech Square until his early retirement in 1996.

In retirement, John consulted to Polaroid for new film related products as well as to other companies in the areas of solar film technology and ink jet printing.

With Jackie, his wife of 58 years, John takes great pride in the accomplishments of his 6 children and 10 grandchildren. He enjoys family events, travel, choral singing and golf.

John has been a regular participant in the PRA luncheons and is honored to be a member of your Board of Directors.

Welcome to the Board, John!

Bill Eburn Shares His Memories of the 3D Development Program

The polarized viewers which are now taken for granted in watching 3-D movies are one result of years of polarizer development by Dr. Land. These viewers were used during the famous 1950s 3-D movie craze and are Polaroid's almost forgotten, or unknown, participation in that exciting era.

This is the story of the unlikely course of events that led to my joining Polaroid as a product design engineer.

In early 1953, I was working at Sanderson Brothers, a major printing company in North Abington, MA. They had just received a large order for 3-D movie viewers from Polaroid, signaling the start of the famous 3-D movie era of the fifties. It looked like the release of 3-D movies was about to explode, but producing the viewers was largely a manual print and paste job at that time, and we were looking to speed up the production by mechanization (automation was a term not commonly used at that time).

I had just seen *Bwana Devil*, Arch Obler's first entry into 3D, in a local theatre and was awed by this exciting projection system. I had been an amateur movie maker for some time and an active member of the Society of Amateur Cinematographers, so I was excited to be involved in this new and exciting process.

Meanwhile, a panic operation was going on just behind Sanderson's executive office doors. We were the sole supplier to Polaroid of all the 3-D viewers being made for the movies then being released. Production of the viewers was a twenty-four hour, seven day operation, and we were barely keeping up with demand. I was tasked with designing and building six quick and dirty machines to produce the viewers. Being under extreme time pressure to produce the new viewers, it was not possible to follow a conventional machine design schedule where preliminary models are tested before designs are finalized. We had to design *and* build concurrently, and run with the finished machines as best we could. I designed and we built the viewer assembly machines in

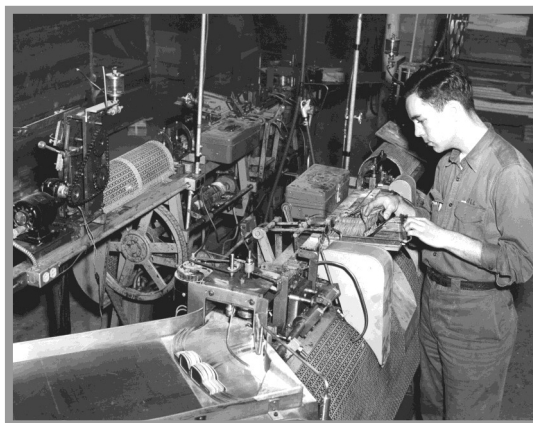
two months. The picture shows me with one of the machines. (wow, was I that young?)

Toward the last quarter of 1953, cartons of viewers began stacking up in the warehouse. Shipment orders to the movie houses were slowing down. On November 26th, in an attempt to revive the sluggish industry, Warner Brothers released *Kiss Me Kate*, an exceptionally high quality, 3-D motion picture. We made a special viewer run dedicated to the film, with *Kiss Me Kate* graphics, and special attention to quality. But it was too late. 3-D was suffering its death throes. Looking back, it was an exciting time, which created many fond memories. These are probably colored with a bit of nostalgia now, but that should be one of the few privileges of growing older.

What were the reasons for the failure of the 3-D movie craze? The three reasons most popularly put forth are: (A) the making of Grade "C" movies; (B) poor projection techniques, particularly in smaller theatres; and (C) uncomfortable viewers, lack of separation, double images and eyestrain.

Oh, yes, why am I telling you all this? Since the 3D operation was rapidly coming to a halt, I was asked by Polaroid, if I would like to join their product design group, and my immediate "You bet!" is the rest of my story.

Let's hope that the popularity of the new specialty 3-D movies now being shown in selected venues, along with more modern production techniques, result in the return of 3-D viewing in regular movie houses once again.



May Luncheon Speaker Announced



Dr. Elizabeth Collins, Medical Director of Palliative Care at the Lahey Hospital Medical Center, will speak to "Palliative Care: Helping Align Care with What Matters to You Most" at the May Luncheon.

Dr. Collins works with a team to help patients live and survive with the quality of life they want. She'll describe how the team supports both the patients and their families and helps guide treatments to align with patient goals, as well as minimize any symptoms that cause distress.

Come to listen and have your questions answered.

An SX-70 Story by Walter Byron



Walter in the 1970s

The SX-70 system was the culmination of Dr. Land's 1940s dream of developing instant photography. From the original sepia tone, on to black and white roll film, then to color roll, through several generations of black and white and color pack film, Dr. Land pursued that ultimate goal of a self-contained color film format. After many years of effort, in the spring of 1972, the SX-70 film and camera development were far enough along for Dr. Land to decide that he wanted to make them the center of his "show" at the up-coming annual shareholders meeting. The previous year at the annual meeting he had teased shareholders with a glimpse of the camera as he withdrew it from his suit coat pocket and briefly held it aloft before returning it to its hiding place. Now it was time for the real thing to be put on display.

At the time, I was working for Gerry Sudbey who had the responsibility for Quality in the SX-70 camera program. I had been working on various tasks for Gerry, including running tests of shutter blade materials to overcome a shutter exposure problem, when Gerry turned to a group of us, led by Gary Hamann, and said, "OK, we're going to build and qualify 50 cameras for the annual meeting."

That was an enormous challenge at the time because there had been few cameras built to date in the several years it took to develop the product. The camera factories were just getting established and were building low volume runs of non-saleable cameras to wring out both the product and assembly & testing processes. But, the group went to work and, in cooperation with the factory personnel at 38 Henry Street where the shutters were made, and the gang in N-1 where the rest of the camera was made, in a while the 50 cameras were assembled and tested.

If you remember the setup for that 1972 annual meeting, there were about 12 octagonal raised platforms, each about 10 feet across, set on the floor of the warehouse at 140 Kendrick Street in Needham. On each of the platforms a different group of Polaroid employees were engaged in a performance of one kind or another, and the SX-70 cameras were used to take pictures of the action. I can't recall all of the scenes, but I do remember Shelly Buckler and a few others on one platform playing poker, and on another, Steve Benton (who passed away in 2003) was conducting a birthday party for his two children. Not all the 50 cameras survived the testing over the subsequent

days, and when we began the annual meeting that afternoon we had only 24 cameras to support the 12 platforms. One camera for each platform was in use and a person was assigned to stand nearby with a spare camera to swap in case there was a problem. I was assigned to Steve Benton's platform with a spare camera. When we reached the part of the meeting where the platform performances began, Steve and his kids went into their party mode and really enjoyed themselves. Steve was busy helping the children opening presents, eating cake and ice cream, and taking pictures.

Now, if you remember the SX-70 camera, the lens focus wheel was also a gear that turned the lens and other gears inside the shutter. Birthday cake has frosting and in the heat of the moment, the cake cutter is likely to get frosting on his fingers. Sure enough, as Steve took a picture, his right index finger, covered in frosting, got that frosting all over the focus wheel gear teeth. As he focused the lens, the frosting was transferred right inside the shutter which promptly ceased to work. A quick camera swap was arranged and I raced off behind the scenes to a camera repair station we had established where, among others, Model Maker Art Cianci waited to repair the cameras that exhibited problems during the meeting. Art and his colleagues were plenty busy, but he took my camera and removed the shutter housing only to find the frosting. After he calmed down, he just shook his head in exasperation, and we assigned that one to the pile to be fixed later. The other people assigned to those platforms with spare cameras were shuttling in and out with cameras with problems, too.

At the end of the day, we had just 12 cameras left functioning, and most of those had been through Art's shop once or twice. But, we made it, and as far as the shareholders and the attendant media were concerned there were no problems. It was another Polaroid success. And, for me, another story to tell my grandkids.

(The pictures taken that day were spectacular. They were displayed to the public just about at eye level by punching a hole in the pod, then slipping them into a slot in the railing around the edge of the platform, followed by about a 3/16" diameter pin being inserted through one side of the rail, through the pod hole and then through the other side of the rail. That left the picture area displayed above the top edge of the railing. The idea was not to lose any pictures since the product was not yet ready for release to the public. And, I think of the several hundred taken, only one picture was unaccounted for at the end of the day.)



Walter Today

Thank you for the great Newsletter contribution, Walter!

Retirees Volunteer!

You may have known **Harry Drake** as a Senior Engineer in Quality Control working in W2 for Central Sensitometry or in W4 and EQ&R in Cambridge.

Harry left Polaroid in 1985 but tells us he hasn't been idle. "After completing our move to Florida, I knew I needed something to keep me busy. I was looking for volunteer work which would engage my mind. SHINE fits that requirement. Additionally, I spent over 22 years as a financial advisor prior to retirement, and the administrative aspects of counseling individuals and assisting them with their solutions were similar with SHINE and being a financial advisor."

A St. Johns County, Florida, resident, Harry has been a SHINE (Serving Health Insurance Needs of Elders) volunteer for over 2 years and tells us the program is not only valuable to seniors, but also a fulfilling volunteer opportunity.

After training, SHINE volunteers can be certified to give presentations in their communities and provide much-needed counseling to seniors to secure the complicated Medicare benefits. They meet with people one-on-one to help them make decisions appropriate for their health needs.

"Generally, when people turn 65 and become eligible for their Medicare benefits, they're unsure how to sign up," Harry says. "They are confused and simply don't understand the process and the benefits they are entitled to. I am a very busy volunteer and it is really satisfying when I can help someone save quite a bit of money."

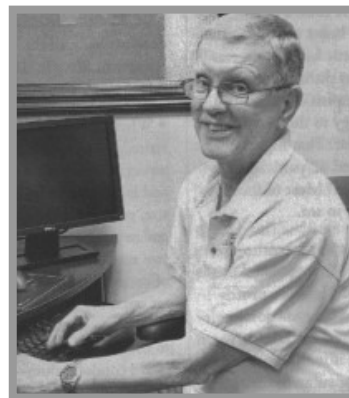


Photo courtesy ElderrSource

New PRA Board Nominee

Gail Barton is the latest nominee for the PRA Board of Directors membership. Those attending the May Luncheon will be asked to vote on her inclusion.

Gail entered Polaroid in 1973 when the company created a special program of hiring temporary employees to ensure a tested and capable permanent workforce. After 3 months, Gail was hired on W3's Packaging Line and later into R2's Quality Group.

Taking advantage of a Secretarial Training Program in 1980, Gail gained skills to join the Education Department to organize course offerings. She worked at 400 5th Ave, the Reservoir's Farmhouse and Norwood's Mansion. She later worked in HR as a Benefit Specialist.

Gail took a severance after 25 years, traveled and then joined Brockton's VA Hospital for 11 years. She now visits her growing family and enjoys her time off. Gail is pleased to be asked to help former Polaroid employees stay in touch with each other through the PRA.

As she looks back at the past 3 Spring Meetings at the Lantana, your Newsletter editor is reminded that the Polaroid Credit Union is where she spent hours looking through the Kelley Blue Book before buying her first car, meeting with helpful representatives before taking out her first loan for that car, tucking away savings each payday and dropping by to pick up cash for the week's cafeteria lunches.

The Blue Book is free and online now, the Chevy Beretta is long gone, the loan is paid off, income is coming from what she learned about saving (and Social Security) and ATMs offer convenient cash.

And the Polaroid Credit Union is now the **Direct Federal Credit Union**.

And the **DFCU** is buying me lunch at the Spring Meeting. Thank you, DFCU for all you've done and continue to do for the Polaroid Community.

In Memoriam

Find more complete obituaries at www.polaroidretirees.org



Anderson, John K., 95, Kennebunk, ME, 1/25/19 was the husband of Collette, father of Donna, Joni and Kenneth, grandfather of four, and great-grandfather of one. John was a U.S. Army Veteran (World War II) in the Philippines and Japan. He was a Truck Driver. John was a Boston sports fan and loved to read, play cribbage and swim. He was a member of the PRA.



Barry, Bartholomew D. Jr., 75, Wayland, 11/27/18 was the fiancé of Jacqueline Duffort-Cecil, father of Bartholomew III, Heather, Amy and Jacqueline, and grandfather of seven. He was in the U.S. Army Airborne Ranger Service in Vietnam, Germany, Alaska and Washington State and awarded the Silver Star, Bronze Star, ACM with Valor & Oak Leaf Cluster, Air Medal and Combat Infantry Badge. He served as Director for Instant Film and Strategic Planning/Standardization.



Berardi, George J., 69, Wareham, 2/6/19 was the husband of Virginia, father of Teresa, James and Joseph, and grandfather of two. George was a Chef/Manager for Marriott Food in Waltham. He was fond of all sports and especially enjoyed baseball, basketball and football, and playing cards with his wife.



Boisclair, Joseph V., 83, Rockland, 1/26/18 was the fiancée of Dorothy, father of David and Valerie, and grandfather of two. He served in the U.S. Navy.

He enjoyed Naples, Florida, the Patriots and most of all his family and friends. He was a member of the PRA.



Brewer, Edwin A. Jr., 77, Hersey, ME, 1/12/19 was the husband of Alice, father of Earl and grandfather of one. He worked in Camera Division. His hobbies were buying and selling antiques,

knives and tools. He loved cars, the outdoors and the ocean.



Bullock, Edward K., 91, Florida, 1/27/19 was the husband of Olivia, father of Carol, Edward Jr., Joan and Larry, and grandfather of eleven. Ed served in the U.S. Navy. He was an Engineer.

He was a golfer, skier, skater and bridge player. He was a member of the PRA.



Carney Herbert K., 84, Wakefield, 1/15/19 was the husband of Alice, father of Kevin, Michael, Brian and Thomas, and grandfather of eight. Herb was a member of the Burlington Knights of Columbus, Burlington Little League and Babe Ruth, and a member of the Strandway Castle Island Association. He served in the U.S. Navy and was a member of the PRA.



Condon, Richard J., 86, Burlington, 1/25/19 was the husband of Ann, father of Richard and Steven, grandfather of five and great-grandfather of one. Dick was a General Supervisor and a Material Procurement Specialist in W3. As a Corporal in the U.S. Army he received the National Defense Service Medal and the Good Conduct Medal. He enjoyed working around his home building decks and additions.

Connell, David R., 76, Plymouth, 2/26/19 was the husband of Virginia, father of Debbie, Teresa, David, Leeann, Christine and Shawn, grandfather of fourteen, and great-grandfather of five. He served in the U.S. Navy aboard the U.S.S. Northampton. He was a Mechanical Engineer. David enjoyed photography, sports, gardening, hiking, traveling and the beach.

Damico, Domenick, 82, Surprise, Arizona, 2018 worked in Building 5.



Dappolonio, Arthur, 94, Hyannis, 1/25/19 was the husband of Theresa. He was a Mechanical Engineer in Waltham.

He was a U.S. Army Airforce Veteran (WWII). Arthur enjoyed golf, bowling and photography.



DiBona, Rose F., 94, Braintree, 2/23/19 was the wife of the late Vincent, mother of Larry, Gerry, Judi-Ann and Stacy, and grandmother of two. She was a Secretary to Dr. Land.



DiPhillipo, Fred J., Sr., 81, Somerville, 12/24/18 was the husband of Diane, father of Fred, Nancy, Stephen and James, grandfather of nine, and great-grandfather of one. He was a Planner and Buyer.



Forman, Earl J., 89, Weston, 2/2/19 was the husband of Beatrice, father of Andrew, Stuart and Russell, and grandfather of seven. He was an Analytical Chemist in Cambridge. He was an avid bicyclist. He was a member of the PRA.



Forti, Paul G., 81, Wakefield, 3/3/19 was the husband of Marie, father of Christine, Cheryl, and Michele and grandfather of nine. Paul worked in Polavision Cassette Production, Sesame Division, N-1 Norwood and also in Waltham.



Gaudet, David B., 89, Weymouth, 3/4/19 was the husband of the late Ann, father of Paula, Maureen, Richard and Jean, grandfather of seven and great-grandfather of seven. He served in the U.S. Army (Korean Conflict) and worked as a Mechanical Engineer. David enjoyed woodcarving and was a member of the New England Woodcarvers Association. He was a member of the PRA.



Gemelli, David J., 71, Hanover, 12/10/18 was the husband of Carol, father of Brian, Elizabeth and Paul, and grandfather

In Memoriam

of three. He played football for legendary Coach Armond Colombo. David was a huge sports fan, and he had a near encyclopedic knowledge of sports history.



Hackemer, Heinrich "Henry" 88, Braintree, 12/12/18 was the husband of Ursula, father of Heidi and Corinna, and grandfather of four. He was a Tool

and Die Maker. He enjoyed history and culture and spent time hunting, fishing and gardening.

Hadzekyriakides, Nicholas, 85, 1/4/19 was the husband of Miryam, father of Diana and Lisa, and grandfather of five. He was a Director of Applied Photo Systems Research and worked with Dr. Land on the development of the SX-70 film. He was a member of the PRA.



Joyce, Albert P. "Rudy" Holbrook, 1/17/19 was the husband of the late Marie, father of Albert Jr., Brian, William and Mary-Jo, grandfather of five, and the companion of Carole. He

was a member of the Knights of Columbus. He was a member of the PRA.

Lewis, Allen C., 91, Whitman, 12/10/18 was the husband of Majorie, father of Paul and David, and grandfather of seven, and great grandfather of two. He was an Engineer. Allen served in the U.S. Army during World War II. He was a member of the PRA.



MacLeod, Bruce A., 70, Needham, 12/8/18 was the husband of Mary, father of Kelly and Sheila, and grandfather of three. He leaves his mother Lela.

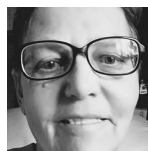
Bruce was a Mechanic. He served in the U.S. Army. He was an avid motorcyclist. He was a member of the PRA.



McGill, Patrick Joseph, 68, Providence, RI, 1/17/19 was the son of Joseph and Marguerite, husband of Brenda, father of Evan and Maya, and

grandfather of two. He worked in Camera Division, Norwood and in Film Division,

Waltham as an Assistant Scientist in Research and Development Chemistry. He was an excellent chess player and loved to play basketball.



Oetinger, Marjorie Lou, 67, Henderson County, NC, 1/27/19 was a 4-H Sewing Teacher and Co-Leader of the Dana Wildcats 4-H Club. She helped

the members make dog treats for the Humane Society and made quilts. She worked in Camera Division, Norwood.



Phillips, Kathleen A., 76, Canton, 2/5/19 was the mother of Kenneth and Linda, grandmother of three, and great-grandmother of two. She

enjoyed knitting and crocheting but her greatest joy was spending time with her family and friends.



Ramsey, Donald A., 83, Tewksbury, 1/21/19 was the husband of Karen and father of Kimberley and Kelly. He served in the U.S. Navy on the U.S.S.

Saratoga during the Korean War. He was a Technician. Don loved the Boston sports teams and enjoyed reading and caring for his yard.



Rutherford Jr., Dewey Vance, 74, Marlborough, 1/24/19 was the father of Tracey, Gersham, Derek, Kenneth and Jaime, and grandfather of five. He

served as a Medic in Germany during the Vietnam War. Dewey worked in the Lab. He served as a Commander in the Amvets and had a passion for golf, playing in tournaments with family and friends, and taking many trips to New York.



Saracusa, Richard H., 70, Plymouth, 12/22/18 was the husband of Susan, father of Theresa and Kristina, and grandfather of three. He was a Technical Trainer at Polaroid and a

Lecturer for Northeastern University-College.



Stapleton, Karen Ann, 70, Weymouth, 11/5/18 was the wife of Thomas and sister of Joseph, James, Jean and Paula.

She was a Research Scientist. Her accomplishments were the invention of Novel Liquid Crystal Polymeric Circular Polarizer and the development of a more cost-effective magenta dye for the Company's instant photograph.

Thebado, Ernest W. Sr., 82, Marlborough, 12/20/18 was the husband of Gertrude, father of Ernest, Sean, Christopher and Charles, and grandfather of six. He served in the U.S. Army. He worked in Waltham. He enjoyed taking his five boys on trips to Castle Island, Hampton Beach and into Boston.



Ullathorne, John "Jack", 90, Duxbury, 2/1/19 was the husband of the late Veda, father of Jeanette, Chris, Ian and Tracey, and grandfather of seven. Jack was likely to

be found on the soccer field where he was either coaching players, watching games or patching the turf. Jack was a Principal Engineer who worked at 343 Winter St., Waltham and 565 Tech Square, Cambridge.

Wallace, Robert "Harry", 84, South Boston, 12/17/18 was the father of Brian, Karen, Kirsten & Greg and stepsons Nate & Kevin, grandfather of six, and great-grandfather of eleven. He served in the U.S. Navy and the Merchant Marines. He was a member of the PRA.

Wuerfel, Theodore Hans, 85, Mount Pleasant, SC, 12/10/18 was the husband of Nancy, father of William, Thomas and Stephen, and grandfather of four. He served in the U.S. Navy where he held the rank of Commander. Theodore was a Sales Manager.

Max Lawrence Writes of Life After (sort of...) Polaroid

Max's contribution to the Newsletter shows you can't really leave Polaroid too far behind. We appreciate his writing of this extraordinary adventure.

After 28 years with Polaroid, I received an offer of employment which I could not refuse. I joined a division of Fisher Scientific as Vice President of Research and Engineering. The company was forward thinking with an excellent product development strategy and an organization well equipped to meet the company's goals. Everything went quite well for about two years when, out of the blue, a Spanish company bought out our division. The new owners had their own ideas as to how to manage and operate the company, and shortly after the takeover the executives were replaced by Spanish equivalents from the Barcelona-based company.

At that point I thought maybe it was time to retire to our place in Florida and play golf. However, that was not to be. Polaroid contacted me and asked me to come back to provide assistance to the Mexican voter program in Oklahoma. My wife Kay and I packed up and moved to Edmond, Oklahoma, for seven months.

After that I stayed on as a consultant at Polaroid and managed the new coating system project for the Polarizer Division. When that was complete, I took on the assignment of Project Manager for Sunglass Lens Wheel #2. Kay and I moved on again - to Nashville for six months, then to Scotland for six months.

Shortly after the completion of the Wheel Project, I was approached by the President of Inverness Medical, Ltd., a division of J&J, to discuss the technical support requirements for this start-up company in the Scotland Highlands. The thought was that they would need short-term support and did not want to hire permanent employees. We arrived at a contractual agreement for me for one year, and I would provide the necessary technical personnel. I took this opportunity to establish a technical consulting company, Telemark Engineering Corporation.

I set about the task of determining the type of technical support and the manpower required. I hired several Polaroid employees from Waltham and the Vale of Leven. At that time these people remained Polaroid employees on contract to me. The product (diabetes diagnostic test

strips) market grew exponentially. As technical people left Polaroid as early retirees, I met them as they came out the door with an opportunity to join Telemark. As the months went by I employed approximately 40 technical people from the US and 8 from the VOL. Some of the VOL personnel became full-time employees for the Inverness operation. At various times we had engineers assigned to California, Tennessee, Germany, Denmark, Great Britain and Australia. All of the Telemark personnel were assigned to Inverness, Scotland, for varying times from several months to several years. One of the engineers was there for 7 years.

Our labors provided employment opportunities for over 2000 Highlanders who were normally farmers and sheep herders. With their new-found wealth they built homes, enlarged their farms, bought new automobiles and made significant boosts to the economy. Most everyone in Inverness knew us or of us, calling us "the Americans who live in the bungalow down the lane." We lived in the Village during 9/11 and observed firsthand the activities in support of the USA at that time, and, in fact, we received a number of calls and notes expressing sympathy and support for our country. There was a very significant memorial of flowers, cards and balloons established by the local citizens at the War Memorial in the city square of Inverness, the capital of the Highlands.

Kay and I lived there for 5 years, possibly the best years of our lives. When I arrived on the scene there were a total of 60 people and a daily production rate of 30,000 test strips. When we completed the project the headcount was 2600, and they produced 3 billion strips per year. And, you think film packs were profitable!!!

At that point we returned to the USA and decided it was time to relax and enjoy our Bedford, and Fort Myers Beach homes and extended families.

I could go on and on, but then I would be into a book and would not know where to stop.

*Please **don't** stop Max!*

We're ready to hear more!



The **Photo Board** at the Fall Luncheon was a hit so we're doing it again at this spring's gathering in May. Find some old photos of colleagues, the workplace and Polaroid scenes you'd like to share, and we'll tack them up for all to see during registration and the social hour.

In addition bring along any mementos that will take us all back to days gone by. We'll put them on a table to remind us of events and everyday life in our years at Polaroid.

Sign Up for the May Luncheon - May 15, 2019

PRA FALL LUNCHEON
THE LANTANA RESTAURANT, RANDOLPH, MA
WEDNESDAY, May 15, 2019

9:30 - 11:00 am **Registration - Coffee & Pastries**
11:00 am **Business Meeting & Guest Speaker Dr. Elizabeth Collins**
12 noon **Cash Bar - Social Hour**
1 pm **Seated for Lunch**

******FREE** for PRA Members!
\$25 for non-members****

Thank you, **DIRECT FEDERAL CREDIT UNION!**

*******NOTE TIME CHANGE*******

Entre Selections

Dijon Crusted Pork Loin : Roasted Pork Tenderloin Topped with a Port Wine Reduction

Boston Baked Cod : Served with a New England Ritz Cracker Topping on a Bed of Rice Pilaf

Chef's Choice of Vegetable & Breads; Classic Caesar Salad, Apple Crisp, Coffee or Tea

Name Desired on Name Tag	Pork	Fish	Other*	Polaroid Location

*The Lantana will make every effort to honor your request for a special meal. Please note vegetarian, vegan, gluten-free, etc., in the box above.

Enclose your check for \$_____ @ \$25 per non-member guest.

Make checks payable to: **Polaroid Retirees Association, Inc.** and mail **with the reservation form** above to: **William Rosen, 112 Meadow Lane, Randolph, MA 02368.**

Please note: We will be unable to offer refunds for reservations cancelled after **May 8, 2019.**

In the event of an emergency, please call **William Rosen at 781-885-0150.**

*** REMEMBER! ***

Your PRA dues must be up to date through 2019 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.

*****NOTE TIME CHANGE*****

Bring Photos and memorabilia to display at the Luncheon!
The table was a hit in October. We're expanding it to include your Polaroid artifacts along with the your photos.

POLAROID RETIREES ASSOCIATION, INC.
P.O. BOX 541395
WALTHAM, MA 02454-1395

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Send your updates, stories & comments to
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newsletterpra@gmail.com.

We want to hear from you!

**The note above your address is meant
to alert you to your dues status at the
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Lifetime Membership **\$150.00**

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Email Address: _____ Date of Retirement: _____