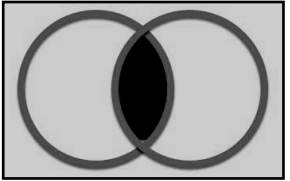


NewsLetter



Newsletter Team:
E. Foote, M. Hall, E. Kliem,
M. McCann, W. Rosen

Polaroid Retirees Association

January - March
2022

THIS PUBLICATION IS SOLELY FOR THE USE OF THE PRA MEMBERSHIP
POLAROID RETIREES ASSOCIATION, INC. P.O. BOX 541395, WALTHAM, MA 02454-1395
WEBSITE ADDRESS - WWW.POLAROIDRETIRES.ORG EMAIL - NEWSLETTERPRA@GMAIL.COM

President's Letter

Dear PRA Members,

As I think of all that has happened over the past few months, I am thankful that my family and I have been spared any serious infection from the coronavirus, albeit we have had a couple of "mild" cases requiring portions of the family to quarantine for the required time. I know that some of you have not been so lucky and my heart goes out to you. I send best wishes as we travel to the end of this difficult time. With perseverance we will get through it and be able to return to a mostly normal life.

Looking ahead, the PRA Board is planning to renew our annual luncheon in May, the first since 2019. See page 11 for more about this and do let us know if you plan to attend. We hope to see you there.

The Board has been meeting monthly via Zoom, and members have been working hard to keep our business going, gather some excellent Newsletter articles, continue with projects and plan the May Luncheon. We do need more help, so let me know if you'd like to join.

Dan Cence, a good friend to the PRA and longtime member who has been instrumental in the development of our website, has retired from his business and agreed to join the PRA Board. We are very pleased to have more of his help and to enjoy his good humor. Read about Dan on page 3.

The last Newsletter issue asked whether you'd like to receive your copies via an email. If you would prefer this, contact praemail@comcast.net. Type "I want email" in the memo line with your name, type of device (computer, tablet, cell, etc.) and email address.

On another subject, it is important for us to think of planning for the future. See the article on page 10 to see how to access some good help on our website, polaroidretirees.org. You'll find articles that include "Getting Your Affairs in Order" and another about navigating palliative care.

As for me, I'll be continuing my support of legislation to minimize the impact of climate change on our environment and looking forward to tending to my flowers and tomatoes and seeing you this spring.

John Flynn, *PRA President*

Welcome, New Members! We're glad to have you with us!

**Joeseeph Doucette Jr, Windham, NH, &
Dianne Lathrop Law, Al Veta, CO**

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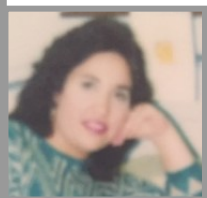
William Rosen

Bob Ruckstuhl

Articles Inspire Readers to Write

Ruth Scanlan's Color Lab article in the Q4 *Newsletter* brought cheers and memories from our readers. **Linda Melnick** and **Bill Eburn** were prompted to write with the following pieces. See page 10 to learn how to submit *your* stories.

Linda Melnick writes:



I was delighted to read the articles written by Ruth, **Paul Lubin** and **Mary McCann** in the *Newsletter*. I remember them fondly when I worked in the Color Lab at Osborn Street, Cambridge. I have great memories of all the wonderful people who worked there. They all felt like my second family. Everybody worked hard and we had many laughs along the way.

Linda at Polaroid

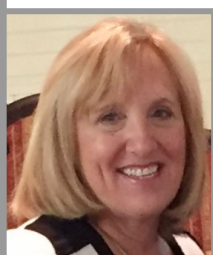
I started working for Polaroid in the Color Lab in 1969 for the Vice President of Research, **Howie Rogers**, and Scientist **Ruth Bilofsky** as a secretary. A few years later, I was given the growth opportunity to become a lab technician and it was there that I was trained to make reagents and process spreads in the back laboratory darkroom. Sixteen years later, I was transferred to the W4, R & D building where I ran the Image Stability Lab as a Technical Specialist working for **Ben Davis** and **Ed Montello** until I lost my job in 2001 due to layoffs. I loved working for Polaroid for 32 years and was very fortunate and blessed to have met such amazing, dedicated, talented and smart people.

I always joke that my claim to fame was having my name published in the book entitled *Insisting On The Impossible* about the life of **Edwin Land** (page 383) for helping demonstrate, on stage, the introduction of SX70 photos at the Needham Stockholder's Meeting in 1972, along with **Stan Bloom** and **Jeanne Benton**. It was far better and definitely more exciting than seeing my picture in the centerfold of the Boston Herald sitting in a brand-new Toyota Camry that I purchased for 7.7% interest. That was a great deal in those days.

After Polaroid, I moved to Fort Lauderdale, Florida, and worked for the School Board. I am now happily retired and enjoying my life in the Sunshine State basking in the sun, eating early bird dinners and participating in the many activities that my over-55 community offers. My everlasting memories of POLAROID and the BEST people who worked there remain in my heart forever.



Linda today



Lois

You may remember Linda's twin sister, now **Lois Stillman**, who was an RN at 640MD.

Lois retired as the Director of Health Services for Somerville/Cambridge Elder Services and she now lives in Florida.

Bill Eburn writes about THE OSBORN ROOF:

It was with some amusement that I read Ruth Scanlan's description of one of the tests made during the development of the film for the SX-70 back around 1970.

The new film needed to be capable of developing in bright light and thus experiments had to be made to insure this capability. Rather than setting up a costly and time-consuming laboratory to test the film, a simple experiment was developed (if you'll pardon the expression). Why not ascend to the roof of 28 Osborn on a sunny day and check the film there?

I had the sneaky thought that someone had rolled back history 15 years to the development of the 3000 speed Type 47 roll film in 1955. Because of its speed, the existing cameras needed an insert to prevent light from fogging the film.

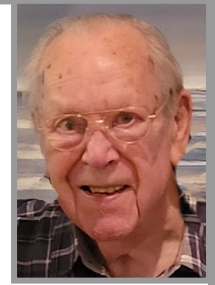


Bill making 3D viewers

Continued from page 2

The matchless **Dick Wareham** and I were working on the design of the insert which was to be placed in the present cameras to plug up the light leaks. So, how did we test their effectiveness? Instead of an expensive lab, we took the test cameras up to the roof of 28 Osborn and exposed them to the sunlight.

It seems there is nothing new under the sun (so to speak). Maybe a new plaque for the Osborne Roof?



Bill today

Editor's note: Go to <https://www.youtube.com/watch?v=rhm2-0tOgqI> to see a film Bill made over 60 years ago to explain the 440 camera's shutter. It's informative and engaging. You'll be back in 1959 in no time.

New PRA Board Member Dan Cence

We asked Dan to introduce himself:

My relationship with Polaroid began in the spring of 1970. I was an undergrad at Northeastern University splitting time between courses and Co-op assignments. My prior Co-op experience had little relevance to my major in Business/Statistics and my advisor suggested applying to Polaroid. I remember interviewing with a half a dozen people and was thrilled to be offered a job and even more excited to be placed in the Market Research department as a junior analyst. The assignment couldn't have been a better fit!

My first project was to tabulate customer survey data for the soon to be introduced Polaroid Portrait camera. Back then, tabulation was done with punched cards and a hand calculator. I had enough free time in my duties to be able to experiment with programming and experience first-hand how computers could be applied to business problems. I eventually managed to write programs that reduced the job to less than 2 hours a day. That was all the incentive I needed to change my major to computer science.

After graduation, I came back to Polaroid as a programmer in the Distribution, Billing and Order Processing departments at Kendrick Street. I next moved to Tech Square to manage Information Technology for the Corporate Financial Planning and Analysis group working for **Tom Hennigan**.

Later, I took the role of IT manager for Polaroid's International Sales and Financial planning group and then Senior Manager of International IT for the company's offshore subsidiaries working for **Fred Ryan** and later **Al Hyland**.

My last assignment was managing IT for Polaroid's global supply chain.

Like many of you, I reluctantly left the company that I dearly loved in December of 2001, knowing that I'd never find another Polaroid.

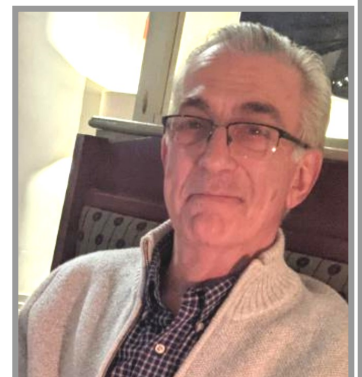
I did some IT/Supply Chain consulting for a few years and in 2005, started a company that specialized in outsourcing Ecommerce fulfillment, warehousing and supply chain management for companies that sell on the web.

In 2020, the company was acquired by a Los Angeles organization that was looking to expand eastward. After an 8-month transition, I happily retired.

Louise and I have been living in Walpole for the past 42 years. We have 2 children and 6 grandchildren. They live close by making us grandparents very happy!

These days, I'm playing golf, going to soccer games, doing volunteer work and hoping to do some overseas travel as soon as it's safe.

Welcome to the Board, Dan! So great to have your help!



Dan Cence

In Memoriam

Find more complete obituaries at www.polaroidretirees.org

Austermann, George S., 92, Peterborough, NH, 8/24/21 was the husband of late Elizabeth, father of Karl, Richard and David, grandfather of seven, and great-grandfather of three. He served in the U.S. Army (Korean War). He worked in Cambridge, MA, and traveled the country recruiting Engineers to design cameras. George enjoyed sailing, canoeing, skiing, picking blueberries and hosting family and friends.



Baggs, Henry J., 95, Natick, MA, 10/19/21 was the husband of the late Margaret, father of Donna, Scott, Henry and the late William and Margaret. He served in the U.S. Army, (WWII, 90th Infantry). He was the last living member of his platoon. Henry was a Supervisor.

Berg, Gordon, 84, Watertown, MA, 11/10/21 was the husband of Janet, father of Brenda, Sandra, Donald and Diane, and grandfather of six. He was a Mechanic (Waltham).



Boyer, Margaret "Peggy", 85, East Haven, CT, 12/2/21 was the wife of the late John and aunt of many. Her lengthy career at Polaroid Corporation took her around the world. She was an avid art collector and traveler and also enjoyed gardening, family genealogy and local history.



Burgess, Mary T., 94, Forest Hills, MA, 11/7/21 was the sister of Sara and Margaret, aunt of six, and great-aunt of two. She was a Research Chemist (Cambridge). Mary was a talented pianist and tutored math and science to students at Bunker Hill Community College.



Camello, Paul A., 81, Randolph, MA, 12/10/21 was the father of Debra, John, and Paul, and grandfather of four. He was the Polaroid Corporation Senior Photographer who advised such well-known photographers as Ansel Adams on the use of Polaroid film for constructing shots.



Carothers, Beverly J., Foxborough, MA, 77, 12/11/21 is the Godmother of Sherri and a cousin to many. She was a Human Resource Manager. Beverly was an avid Boston sports fan who loved following the New England Patriots and Boston Celtics. She was a member of the PRA and served on the Board of Directors.



Chelmow, Laurence, "Larry", 81, Canton, MA, 9/29/21 was the husband of Betty, father of David, Ted and Susan, and grandfather of six. Larry was a Principal Engineer (Norwood). He channeled his love for horology into his clock repair and restoration business, 'As Time Goes By.' He was a member of the PRA.



Cocco, Vincent L., "Vinny", 86, Wakefield, MA, 1/4/22 was the husband of the late Gilda, longtime companion of Ann, father of Vincent, Michael and Lisa and grandfather of three. Vinny worked on the 9th floor, 565 Tech Sq. He was a Senior Mechanical Engineer. He was a member of the PRA.



Comfort, William T. Sr., "Bill", 88, Londonderry, NH, 11/21/21 was the husband of Maureen, father of Patricia, William and Christopher, and grandfather of one. He served in the U.S. Air Force. Bill worked in Battery Division. He was a member of the PRA.

Condon, Raymond F., 85, Waltham, MA, 12/24/21 was the husband of Nancy, father of Kathleen, John, Carolyn and Jennifer, and grandfather of nine. He was a Drafting Supervisor in MED. He was a member of the PRA.



Connolly, Thomas J., Roslindale, MA, 10/15/21 was the husband of the late Margaret, father of Margaret, Thomas and John and grandfather of three. He served in the U.S. Army.



Thomas was an Electrical Engineer. He was a member of the PRA.



D'Ambrosio, Geraldine A., 78, Gilmanton Iron Work, NH, 11/16/21 was the wife of John, mother of Karen, Nancy, and Lisa, and grandmother of two.

Her favorite hobbies were crafts, gardening and reading. Geraldine owned The Crafters Gallery where she proudly displayed her crafts under the name of Gold Thimble Crafts.



Faria, Rosa, 91, Stoughton, MA, 5/27/20 was the wife of the late Alberto, and grandmother of Luis.

She was a Camera Repair Technician in Norwood. She enjoyed selling Avon products in her free time.

Ferguson, Kevin D., 63, Waltham, MA, 12/31/21 was the husband of Lisa, and father of Cara. He worked in the Emulsion Group (W4) and in Sales and Marketing, and was instrumental in coordinating and setting up their events.



He also worked in Customer Service. He enjoyed coaching his daughter Cara's softball team for many years, skiing, softball, Motown music and throwing darts or a round of golf with friends.



Freitas, Anthony J., 90, Dedham, MA, 11/13/21 was the husband of Eve, father of Fran, Nancie and Jeannie, and grandfather of Erin. He served in the U.S. Navy (Korean War).

He was a Senior Principal Engineer. He enjoyed tennis, wine-making, scuba diving, kayaking, bowling, cycling, gardening, and, of course, creating one-of-a-kind, whimsical art in his woodshop. He was a member of the PRA.

Green, Mary Duggan, 80, Largo, FL, 10/4/21 is survived by Anne and Joseph. Mary was a Human Resources Manager. She was a member of the PRA.



Harris, Robert L. Jr., (Bob), 76, Greensboro, NC, 11/28/21 was the husband of Sherry, brother of Jayne, Susan and John, and uncle of many. He

In Memoriam cont.

served in the U.S. Army, (Vietnam), where he was awarded 2 Purple Hearts, 2 Bronze Stars, a Silver Star and 2 Air Medals. Bob worked in various managerial positions. Bob was an avid golfer.



Hay, Martha Katherine, 79, Floyds Knobs, IN, 10/17/21 was the wife of W. Edward, mother of Tori and Mark, and grandmother of four, and great-grandmother of seven. She was a member of First Southern Baptist Church of Floyds Knobs and the Eastern Star.



Houten, Irene L., 90, Saugus, MA, 12/1/21 was the wife of the late Vincent, mother of Loraine, Joyce, Philip, Yvonne, Carolyn, Mary and the late Janet, grandmother of fourteen, and great-grandmother of sixteen. Her artistic skills shine in the many beautiful creations her family continues to treasure.



Johnson, Richard E., 70, Naperville, IL, 9/28/16 was the husband of Thomasina, father of Biren, Darin, and Daven. He served in the U.S. Army as a Signal Corps officer in the Nha Trang Province (Vietnam). Richard was a Corporate Representative and Executive. Richards favorite hobbies and interests included fishing and Ohio State football.



Johnson, Richard E. (Dick or "Stretch"), 88, Dallas, TX, 11/6/21 was the husband of Peggy, father of Brenk, and Thad, and grandfather of two. He served in the U.S. Air Force as a Navigator/Bombardier in Strategic Air Command, on a B-47 bomber, 501st Bombwing, 715th Bomb Squadron. He was the top salesman in the world for Polaroid in 1967.



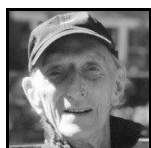
Johnson, Arthur M., Jr., 85, Westerly, RI, 11/26/21 was the husband of Eileen. He served in the U.S. Marine Corp. Arthur was Chief of Personal Security at Polaroid. He had a life long love of sports, enjoyed his gardens and was an avid reader of fiction.



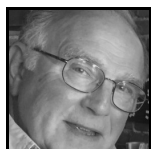
Jordan Jr., Albert "Red" J., 84, Walpole, MA, 9/19/21 was the husband of late Elizabeth "Betsy", father of John, and grandfather of three. He served in the U.S. Navy and joined the Seabees (the Navy Construction Battalion). He was Pressman. Red was an avid sports fan and followed the Patriots, Celtics, Red Sox and Bruins.



Keville, James "Larry", 63, West Barnstable, MA, 9/1/21 was the husband of Patti, brother of Maureen and Thomas, and uncle of many. He enjoyed cribbage, fishing, all Boston sports teams and yard work. He loved spending time with family. Every day in the morning Larry read the Cape Cod Times.



Laird III, Harry G., 95, West Yarmouth, MA, 9/30/21 was the husband of the late Madeline, father of Greg, Andy, Molly, Eric and Christine, grandfather of 11, and great-grandfather of four. He served in the U.S. Army Air Force. He was an Industrial Engineering Manager in Polaroid's International Division. Harry enjoyed skiing, camping, live music, and building or remodeling just about anything. He was a member of the PRA.



Lang, Dennis G., 74, Pepperell, MA, 10/29/20 was the husband of Phyllis, father of Jonathan and Pamela, and grandfather of three. Dennis served in the Massachusetts National Guard. He worked in the Reservoir Battery Division, Waltham. Dennis enjoyed traveling to Alaska, Hawaii, Canada, England and Scotland, but his favorite place was Maine with endless lobsters.



LaValle, Lawrence M., 75, Tewksbury, MA, 10/19/21 was the husband of Diane, father of Stephen and Jennifer, and grandfather of six. He served in the U.S. Marine Corps (Vietnam War). He was a Research & Development Technician. Lawrence's primary hobby was to spend time with family and friends; the activity really didn't matter as long as he was

with them.



Lewis, William S., Jr., "Bill", 83, Mashpee, MA, 11/1/21 was the husband of the late Ruth, father of India, Charles and Gail, and grandfather of many. He served in the Military. William was an Electrical Engineer. He had a love of music and in particular Jazz. He was a member of the PRA.



Maffuid, Jesse, 93, Cambridge, MD, 11/28/21 was the uncle of many nieces and nephews. He spent his career in the Machine Tool field, Design, Marketing and Sales. Jesse enjoyed hunting, fishing, golf and cooking. He was a 32nd degree Mason, a member of the American Legion and the V.F.W.



McGarry, Everett J. "Red", 76, Redington Shores, FL, 11/5/21 was the husband of Judi, father of Laurie and Michael. Red was recognized often with awards for his athletic and business talents. Most who knew Red especially enjoyed his sense of humor including his witty emails and text messages.

Oreto, Sr., Joseph S., Revere, MA, 12/27/21 was the husband of late Emily, father of Deborah, Joseph Jr., Sonia, Ronald, Darrin and Scott, grandfather of seven, and great grandfather of five. Joseph was as a Sergeant in the U.S. Marine Corps. He was a Lead Mechanic.



Richardson, Albert O. PHD, 74, Chico, CA, 11/25/21 was the husband of Cecilia, father of Kojo, Effie and Elvert. He was an Electrical and Computer Engineer. Albert loved music and played the piano.



Richter, Esco E., 85, Apopka, FL, 8/29/21 was the husband of Patricia and the late Suzanne, father of Eugene, Deborah, Scott, stepchildren, William, Diana and Raymond, grandfather of 13, great-grand father of 28, and great-

In Memoriam cont.

great-grandfather of two. He served in the U.S. Navy (Aviation Branch, Communication Division). Esco worked in Film Division, Human Relations, Supervision and was a Business/Manufacturing Manager for Industrial Hardware. He enjoyed a good conversation or a debate. He was a member of the PRA.



Sturgis, John, 83, Toland, CT, 9/21/21 was the husband of Paula, father of J. Scott and Jeffrey, and grandfather of four. He was a Engineering Manager in Film Division. He enjoyed golfing, lobster feasts, boating, tubing,

swimming and fishing. John was a member of the PRA.



Tompkins, Eugene, New Bedford, MA. Gene was an Engineer in the Coating Area.

Wicker, Sidney H., 89, Andover, MA, 11/11/21 was the husband of Marilyn, father of Scot and Lisa, and grandfather of four. He served in the U.S. Air Force. Sid was an Industrial Engineer.



Winslow, Manton (Matt) G., 87, Ruidoso, NM, 10/03/21 was the husband of Barbara, father of Lauren, Patti and John, grandfather of eight and great-grandfather of seventeen. He served in the U.S. Army (Korean War) as a Nike Missile Specialist. He was a Technical Specialist in Bldg 4 (Waltham). He enjoyed coaching girls baseball in Hudson and following the Patriots and Red Sox.. He was a member of PRA and the Cement Heads.

Polaroid
Corporation

PERSONNEL POLICY

No. PP-101
Date: 5/1/67

SUBJECT: A GENERAL STATEMENT OF POLICY

TWO PRODUCTS – We have two basic products at Polaroid:

Products that are genuinely unique and useful, excellent in quality, made well and efficiently, so that they present an attractive value to the public and an attractive profit to the Company.

A worthwhile working life for each member of the Company – a working life that calls out the member's best talents and skills - in which he or she shares in the responsibilities and the rewards.

These Two Products are inseparable. The Company prospers most, and its members find their jobs most worthwhile, when its members are contributing their full talents and efforts to creating, producing and selling products of outstanding merit.

THE PRINCIPLES WE FOLLOW

We serve both products if we create a working environment which encourages those human traits that are productive both for the individual and for the group. This environment would be shaped around these principles:

- Most of us tend to be more industrious when we feel the job is worth doing and challenging.
- We tend to act more responsibly when we are put in charge of our own actions and are held accountable for them.
- We tend to give our minds to the job, as well as our time, if we understand the group's objectives and see how our work fits into them.
- We tend to work better if we see that we can get ahead by making more of ourselves.
- We tend to work better when there is mutual respect, mutual concern and mutual honesty among us as human beings, regardless of the status of our jobs.

Jason and the Argonauts by Ed Byrnes

We must go back in time to the year 1935 when the British developed a new technology called radar. Its timing was most propitious, for Hitler and the 3rd Reich were in the process of acquiring European real estate such as Austria and Czechoslovakia for a greater Germany. Fortunately for England, there were a few intellectuals who believed Hitler's land ambitions would continue and war would inevitably follow. With that insight, England decided to install a series of radar sites along its channel coast facing Europe.

According to history, the decision to establish onshore radar sites was a significant contributor to England's survival of WW2. Once again, accolades to science for helping society in times of need.

Did you know that there was an interesting Polaroid and radar connection?

WW2 proved the efficacy and advantages of radar so there is no surprise that worldwide commercial and military aviation quickly adopted the system for its needs. Unfortunately, the radar images of early years were of low brightness, requiring either a viewing hood or a darkened room. Obviously, an undesirable situation but acceptable for single stations - but not for FAA tracking and monitoring commercial aircraft. That required coordination of many systems.

Although radar brightness was increasing with time, viewability in daylight conditions was still a problem. Various ideas were put forward such as the blue/amber system. In simple terms, that meant an amber plastic filter over the display face and blue plastic sheeting over the room light source. The results were Orwellian at best. Fortunately, an engineer at the Navy Research Lab in San Diego had an epiphany: Polarizers!

When he contacted Polaroid for guidance, we suggested a glass laminated circularly polarizing filter to serve as a safety implosion plate. Provided with an efficient anti-reflective coated surface, it reduced room light reflections and improved the visibility of the radar data. There are actually two different anti-reflection actions: 1) the efficient anti-reflection coating on the outer glass surface and 2) the anti-reflection action of the circular polarizer which reduces reflection from the phosphor screen which was yellow when not being excited.

History was made that day, for Polaroid was to become a small player both in the military and commercial air industry.

Many years to the future, Polaroid was contacted by Raytheon, the manufacturer of the FAA's latest radar system for commercial aviation, regarding a recent complaint from the FAA. The issue was that macroscopic bubbles were occurring within the polarizer safety faceplate. This raised a simple question: Are they

indicative of a pending delamination, which might render the system useless, or simply meaningless artifacts?

To determine if we were dealing with a meaningless artifact or a pending disaster that could lead to serious litigation, a 3-person team was quickly organized. A Raytheon engineer, Polaroid microscopist **Mary McCann** and I, the presumptive sales villain, were quickly assembled to set forth to the various FAA air traffic control centers about the country. We were asked to assess the gravity of the situation and determine what action, if any, should be taken to solve the problem.

The results of our six day investigations were as follows: Mary's detailed analysis of the macro bubbles, at the few centers that had experienced the visual effect, concluded they were non-issue artifacts. Simply stated, they were neither a visual impairment nor did they portend an eventual delamination of the polarizing filter faceplate.



All was, well, business as usual.

On our first-class flight home from LA, I congratulated Mary for a job well done. Considering all the possibilities for visual distortion, the situation had the potential to become a nightmare of litigation. Thankfully, it was not to be and with that thought in mind, I offered to buy dinner and drinks for the team. Well, technically a figure of speech because the prepaid first-class ticket was all inclusive. Nevertheless, we raised our glasses high to honor our successful journey.

Speaking of journeys, according to Greek legend, Jason and the Argonauts suffered many terrorizing situations in their long voyage in search of the Golden Fleece. In due time it was obtained and, in a similar way, Polaroid's 3 Argonauts found their symbolic fleece of no litigation, and the radar program lived on both in happiness and profitability.

continued on page 8

Continued from page 7: "Jason and the Argonauts"

Mary writes:

The Air Traffic Control Center was quite an adventure. It was a beehive of activity in a dimly lit room.

Individual Air Traffic Controllers each watched a CRT screen which displayed a specific sector of the sky around the airport. The planes traversing that sector were displayed as a bright dot on the CRT screen, with an identifying flight number. The controller was in radio contact with each flight on his screen. He would direct pilots to adjust their altitude, speed and bearing to coordinate with other planes in the sector. The controller kept track of the plane's progress across the sector with a moveable marker which would be handed off to the adjacent controller when the plane entered the adjacent airspace.

The glass/polarizer/glass sandwich over the CRT screen reduced the reflections of room lights and also provided electrical grounding for the screen. It was the metal grounding layer that developed the defect. Our lab set up to recreate the defect with heat and voltage, then identified the deposit by X-ray diffraction and recommended a different lamination preparation. An exciting investigation for a new microscopist!

From W3 to 140K, Clarks is Moving

Clarks is moving from one old Polaroid property (W3) to another (140K). Boston Properties owns them both.

*Thanks to **Steve Berry**, you can see the entire article on our website's Bulletin Board under General Messages.*

"Shoe company Clarks is making tracks for Needham, as suburban office shuffle continues"

By Jon Chesto, *The Boston Globe*, January 4, 2022.

"Clarks Americas is lacing up its shoes and heading to Needham, just five-plus years after it settled into a new office overlooking Route 128 in Waltham...Clarks had about 325 workers based in Waltham as of mid-2020, though most of them were working remotely at the time."

3D-printer company Markforged will be moving into the former Polaroid W3 building which is owned by Boston Properties.

"Clarks appears to have zeroed in on 140 Kendrick St. in Needham, a 440,000-square-foot, three-building complex." (The deal may not yet be final.)

Tech research and media company IDG headquarters is already in 140 Kendrick St, leasing 125,000 square feet. Boston investment company Wellington Management intends to lease 106,000 square feet in mid-2023.

"Mohamad Ali, chief executive of IDG, said Boston Properties 'has done a fabulous job' renovating the Kendrick Street complex — renovations that have played a key role in enticing employees to come into the office even though they can still work from home. About 10 percent of the roughly 500 IDG employees who are based there commute to the office on any given day right now.

"Ali also likes the fact the complex is next door to the trails of Cutler Park, where he enjoys walking meetings, even in the winter."

Thank you, Steve!



Clarks today at site of W3, Waltham, where Polaroid made T&I Pack Film



140 Kendrick Street, Needham, today. It held Polaroid's Distribution Division and Finished Goods Warehouse

Polaroid in Waltham

The Newsletter has had articles about Polaroid's many sites. Here's a piece of the company's Waltham history.

*What went on in your plant, what were the jobs, who were the people you worked with?
See page 10 for how to reach the Newsletter to share your stories.*

George Murray summarizes Waltham's 1265 Main and Reservoir buildings below.

Polaroid had a long and mutually beneficial relationship with the City of Waltham, beginning with the company's purchase of 11 acres of land in Waltham in 1951. Much of this section came from the booklet published for the 50th anniversary of Polaroid. It can be updated by many of our readers who worked in the various buildings.

Construction of "W1" began in 1953, and production of roll film in W1 began in 1954. In 1956, construction began on W2 to house production facilities similar to W1. W2 was completed in 1957. In 1958, 49 more acres were purchased in Waltham and construction began on W3, home of a revolutionary product, Pack Film, and a revolutionary design of jobs and machinery interfaces for employees.

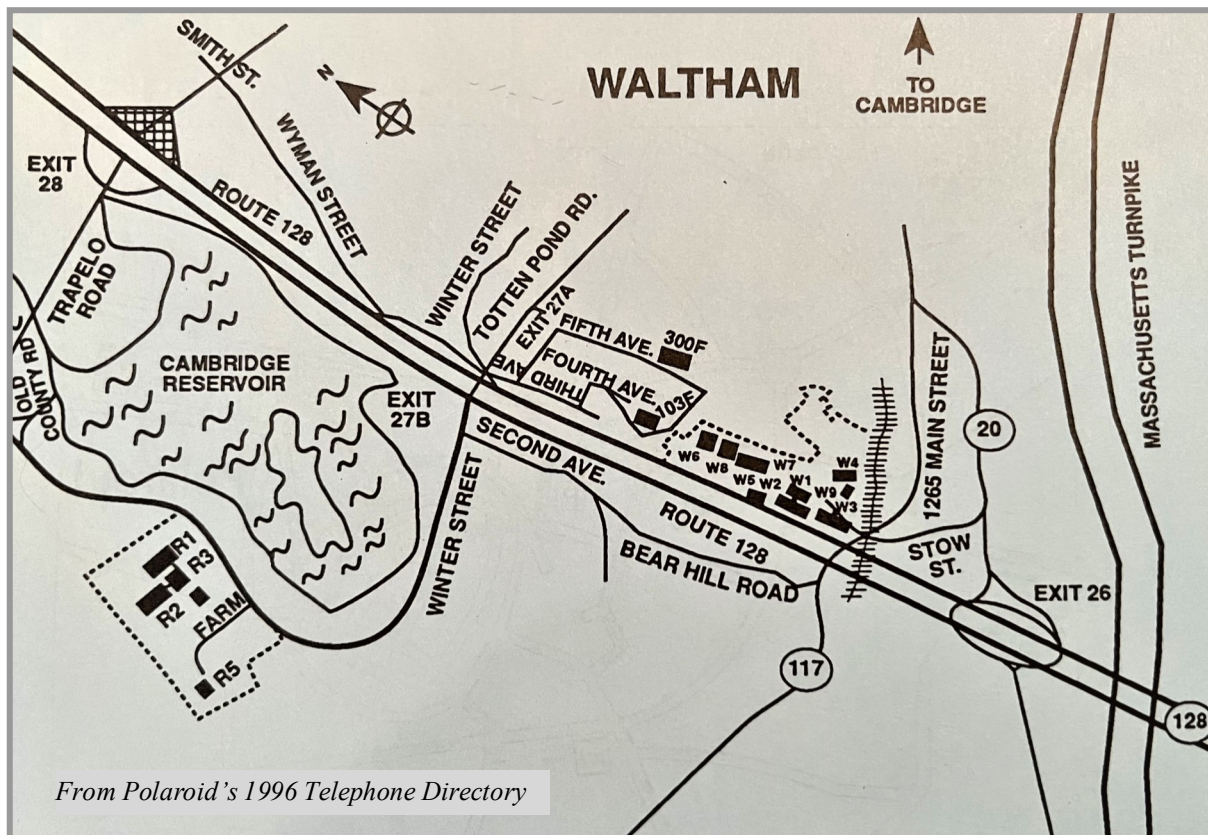
By 1959, W1 had expanded by 30,000 sq. ft, in addition to the original 28,000 sq. ft., and W4 was operational, charged with developing Polaroid's own color negative material.

In 1960, W3 was completed, and an additional 100 acres of land were purchased at the Reservoir site in Waltham.

W3 was organized and equipped for manufacture of pack film by 1964. The "construction" of jobs, work environment, and a new way of organizing people and machines to provide meaningful work lives consistent with Land's philosophy (See PP101 on page 6) proceeded concurrently with machinery and facilities design for pack film manufacture.

In 1965, W6 was completed, and construction was underway on W5 and W7 in Waltham. By 1966, five buildings were under construction in Waltham. R1, the new roll-film manufacturing site, was completed this year. By 1968, three plants were completed at the Reservoir site, and manufacturing of SX-70 film, in pilot quantities, was underway. 5,000 packs per day of SX-70 film were being produced by 1973.

In 1974 pilot development of PolaPulse batteries was underway at R5 at the Reservoir, and by 1978, all PolaPulse batteries were being produced by Polaroid at R5.



From Polaroid's 1996 Telephone Directory

What Can You Find at Polaroidretirees.org?

Take a look at a story posted by Steve Berry as well as other articles, find the obituaries of close colleagues, scan old Newsletters, see a list of PRA members or post a note.

Want to get an email notice when a new story or memorial is added? Click on Bulletin Board, look to the lower right and click on: **To be notified when new messages are posted Click Here.** You'll receive an email the morning after something is posted.

The article **"The Name Behind Polaroid: Edwin Land: Meet the Man Who Turned Photography On Its Head With Instant Prints and Devised A Revolutionary Film Technology"** is a trip down Memory Lane. It was first published in *Australian Camera*, then carried in *Digital Camera World*. **Steve Berry** picked it up very shortly after it was published and shared it with our membership on the Bulletin Board of the PRA's website, polaroidretirees.org

The article has lots of historic photographs of Dr. Land and gives an accurate account of his early interest in polarized light, his early use of Herapathite crystals to make polarizers, and his desire to use polarizers to solve the problem of headlight glare. It continues on to describe his thinking about instant photography, the idea of a "pod" containing reagent, and his insights into both black & white and color photography.

The article also comments on his wise decision to immediately patent his ideas for polarizers, and, of course, his later ideas for instant photography. These patents were most useful when Polaroid sued Eastman Kodak over patent infringements. The article also

mentions that ironically, Kodak was one of Polaroid's earliest customers for polarizing filters.

You'll read detail into the development of Polaroid products, but repeated is Dr. Land's extraordinary mind.

"The SX-70 system – the project code was carried through to the final products – is arguably the most remarkable combination of optical, mechanical, electronic and chemical wizardry ever invented."

What else can you find?

If you find yourself with some time on your hands as you stay close to home, spend it with **"Getting Your Affairs in Order,"** a guide to documenting and organizing important information so that those we leave behind can find policies, accounts, passwords and legal papers.

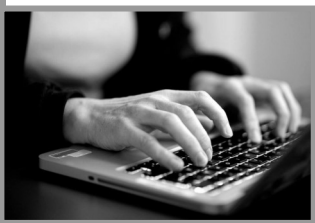
Go to www.polaroidretirees.org/Links.html

The helpful advice and guidance from the authors, all retirees who have experienced loss and know first-hand what will be needed by survivors, comes together in an easy-to-use and thought-provoking document. Your work will be greatly appreciated by your family.

While you're at this site, take a look at advice from Dr. Elizabeth Collins, a Luncheon speaker who shared her experiences with palliative care patients. She gives us good guidance as we navigate aging.

Take a look at *your* website. There's a lot to see there.

Send Your Stories!



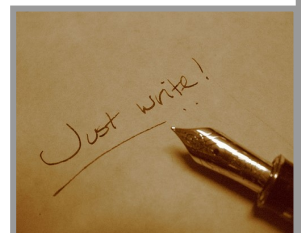
***You have read articles from colleagues and old friends.
It's your turn to add stories from your time with Polaroid.***

***Share a memory, react to an article, update readers with
what you're up to now. Just write!***

**Email newsletterpra@gmail.com
or write to**

R. Ruckstuhl, Polaroid Retirees Assn, P.O. Box 522, Rowley, MA 01969

We want to hear from you!



Save the Date: Wednesday, May 18, 2022

The PRA Board of Directors is planning for the return of our **Membership Luncheon** in May. We hope you'll join us to come together in celebration of, well, *finally* seeing PRA friends.

Alas, the Lantana is no more. We say goodbye to a place that served us well (literally) for over 30 years. Owners have sold the building to a business that doesn't deal in the function industry, so we have been searching for a venue that provides convenience, safety, good food, affordability and beautiful surroundings. We found a great one.

The **Warren Conference Center in Ashland** is sited on 100 acres of woodland and water. It is beautiful and promises to be more so when spring arrives. Located on the Ashland Reservoir, the Center is midway between Framingham and Hopkinton. It is wheelchair friendly with large walls of glass. Take a look at www.warrencenter.com

Details will be firmed as the pandemic eases, but we need to know your interest early. We will have menus and morning arrival and lunch times in the Q2 *Newsletter* and on our website.

For now, please send an email with your plans to attend to praemail@comcast.net or mail the registration form below to:

R. Ruckstuhl, Polaroid Retirees Assn, P.O. Box 522, Rowley, MA 01969.

The Direct Federal Credit Union has once again generously offered to sponsor our Luncheon. The event will be free to PRA Members in good standing and \$25 for guests.

Your dues must be up to date through 2022 or have been waived (see the note above your *Newsletter* address label) to take advantage of the DFCU offer.

The Warren Conference Center and Inn is located at 529 Chestnut Street in Ashland. It's about a 45-minute drive from Boston. Please be safe and we'll see you there on May 18th.

YES! I plan to join PRA members for the May Luncheon on Wednesday, May 18.

I understand that plans will be finalized as CDC and COVID information develops. Attendance may be limited according to the most updated state and city guidelines on capacity and social distancing.

Name: _____

Number of Guests: _____

Email: _____

Phone Number: _____

Mail to Bob Ruckstuhl, Polaroid Retirees Assn, P.O. Box 522, Rowley MA 01969

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

MEMBERSHIP DIRECTORY

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What's a special memory or two of your life at Polaroid?

Send your stories to Bob Ruckstuhl's address below or to newsletterpra@gmail.com

Membership Fees are due and payable the first of the year.

Yearly Dues **\$15.00**
 Make check payable to **POLAROID RETIREES ASSOCIATION, INC.**
and mail to R. Ruckstuhl, Polaroid Retirees Assn, P.O. Box 522, Rowley, MA 01969

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