The response that we received for the Turning Stone Experience was tremendous. Our next adventure is at the Loews Universal Orlando Resort® at Loews Royal Pacific in beautiful Orlando, Florida. We are a growing organization. Let’s continue the momentum and make this upcoming event as great a time as was Syracuse. Save the dates. Plan for it now!

The resort offers the following extras beyond the regular amenities:

**Hotel Guests Enjoy Exclusive Theme Park Benefits:**
- **Skip the regular lines** with Universal Express™ Unlimited ride access* in both theme parks - a FREE benefit worth up to $89 per person, per day (valid theme park admission required). It’s the fastest way to ride – enjoy unparalleled access all day long, as often as you’d like!
- **Early Park Admission** to The Wizarding World of Harry Potter™ at Universal’s Islands of Adventure® one hour before the theme park opens (valid theme park admission required). This is your opportunity to experience some of our most popular attractions before nearly all other guests.
- **Take the complimentary water taxis** along picturesque waterways or ride the shuttle bus directly to both theme parks and Universal CityWalk®.
- **Priority seating** at select restaurants throughout both theme parks and enjoy first available seating at select Universal Orlando® and CityWalk® restaurants.
- **Complimentary delivery** of merchandise purchased throughout the resort to your on-site hotel room.
- **Resort-wide charging privileges** with your room key card. Use your hotel room key card to charge food and merchandise at Universal Orlando® locations where credit cards are accepted.
- **Complimentary scheduled transportation** to nearby Wet ‘n Wild®, SeaWorld®, and Aquatica™

Click on the graphic above or below the Table of Contents on this page to go directly to the resort’s website.

Alan Woll
Site Selection Committee Chair
A well known entertainer, Ted Lewis, would walk onto the stage and his first line would be “Is Everybody Happy?”. Well, I’m certainly happy, no I’m thrilled, because the meeting at Turning Stone was such a success.

The meeting was held September 25-29, and was one where Pioneers exhibited all the elements that make up our Association. We fostered bonds of friendship while recognizing achievements in our Industry, while supporting educational programs, while promoting the study of plastics, and while ensuring the collection and preservation of the history of the Plastics Industry.

Specifically, we recognized Glenn Beall as a Distinguished Service Member and inducted eight new members, all individuals of accomplishment. We had a demonstration by Margie Weiner of the program that is presented to students and allocated additional funds to the Plastivan. We visited Syracuse University where the artifacts of our industry are stored, catalogued, and entered into a virtual museum. These actions exemplify the objectives of the Plastics Pioneers Association.

Now, let’s keep this momentum going as we plan to attend the annual meeting at Loew’s Royal Pacific Resort at Universal Orlando, February 19-24, 2014 and the fall meeting at The Stage Neck Inn in York Harbor, Maine October 16-19, 2014.

As a result of Peter Bemis’s passing, a vacancy on the Board of Governors existed. Per our By-Laws, I have asked Wolfgang Meyer to serve out Peter’s unexpired term. Wolfgang has accepted this appointment, so please join me in welcoming Wolfgang Meyer to the PPA Board of Governors.

Harry Greenwald explained that the idea of the Plastics Collection originated 25 years ago when a group of PPA members were lamenting the loss of plastics materials and artifacts with the passing of older members. The group decided a facility to house these was needed, but determined that a museum was not economically feasible. Discussions evolved into a having a travelling exhibit and, finally, to a virtual museum based in a library capable of maintaining and curating such a special collection.

Syracuse University’s Bird Library houses the Special Collections Research Center (SCRC). This center is designed to “advance scholarship and learning by collecting and preserving rare books, manuscripts, and other primary source materials. SCRC’s collections span time and format, from cuneiform tablets to born digital electronic files. Collecting areas include activism and social reform, architecture and design, popular culture (cartoons, science fiction, and pulp literature), photography, and the history of recorded sound. SCRC is dedicated to connecting students, scholars, and the general public to its collections through exhibitions, lectures, and mini-seminars.” (http://library.syr.edu/find/scrc/)

In a chance meeting with a Syracuse Library archivist, Harry learned that libraries with special collections are recognized as authorities on the collected subject and of the SCRC. In 2007, a group of representatives went to Syracuse to investigate the possibility of SU hosting the Plastics Collection. The Collection we saw is the end result of a prototype website of the history museum developed in 2008.

The Plastics Collection at Syracuse University is a work in progress. It is a dynamic entity designed to preserve the history of the plastics industry for generations. The artifacts and articles housed in the collection are added to constantly, but fundraising for specific projects and receipt of new materials are on-going efforts. The Collection may be accessed at www.plastics.syr.edu
Friday at Syracuse University

Friday began with a breakfast buffet after which two buses took approximately 100 PPA members, spouses, and guests to Syracuse University. As a result of the large turnout, the group was split into several smaller groups for tours and presentations. The weather was absolutely perfect for a walk around campus and tours of several sites.

The first stop was at Crouse College where we were greeted by Ron Thiele, the Assistant Dean for Advancement at the Syracuse University Libraries, Dr. Patrick Jones, professor of music and director of the Syracuse University Setnor School of Music, and by Michelle Taylor, Assistant Director for Operations at the Setnor School of Music. Begun in 1888 with construction completed in 1889, Crouse College was intended to be used only as a women’s college, but is now home to the College of Visual and Performing Arts Setnor School of Music. The College was listed on the National Register of Historic Places in 1974. The impressive stained glass windows are indicative of the fact that the Auditorium, which seats 700 people, was originally intended as a chapel. As we entered the Auditorium, we were privileged to hear a piano sonata being played by a student in a keyboard master class in progress. The professor allowed us to listen as he critiqued and encouraged the student.

After leaving Crouse College, we went to the Bird Library for a presentation by Michele Coombs, Chief Archivist, and Teresa Harris, Project Coordinator for Special Collections at the Bird Library. Using a September 22, 1924 issue of Time magazine donated in Hilton Head by Dennis Paradise as an example, Michele described how artifacts and papers are catalogued and preserved. Teresa explained the Plastics Collection website and showed its various capabilities. The site is extremely comprehensive and can be accessed at www.plastics.syr.edu. We later adjourned for lunch.

The next stop on the campus tour was at the Central Research Facility of the Syracuse Biomaterials Institute at Browne Hall. This collaborative research facility utilizes an interdisciplinary approach with physicists, chemical engineers, and biologists working on such projects as shaping memory polymers through crystallization and cross-linking and developing polymer actuators, self-healing materials, and NIR fluorescent polymers. We were given a tour of the labs and a presentation by Dr. Patrick T. Mather, Director.

We then returned to Bird Library for a cocktail and hors d’oeuvre reception preceding the grand opening of the Plastics Pioneers Reading Room, a gift of Glenn and Patsy Beall.

Dr. Matthew Dames, Interim Dean of Libraries and University Librarian; Director, Copyright and Information Policy Office, gave brief introductory remarks. A check for $2,500 was presented to Dr. Dames by Anne Bernhardt (not shown in the photo), Mark MacLean-Blevins, Lance Neward, Michael Paloian, Jordan Rotheiser, Larry Schneider, and Mark Wolverton from the Product Design and Development Division of the SPE. The check, written to the SU Library Plastics Industries Project Fund, was designated for maintenance and sup-

continued on next page
port of the Plastics Pioneers Reading Room. Dr. Dames presented Glenn with a plaque in appreciation of their gift and Patsy with a bouquet of long-stemmed roses and baby’s breath.

In his remarks, Glenn explained the importance of the day’s dedication starting with the recognition of the need for a single repository for plastics artifacts and articles to the culmination in a virtual museum which has been funded in perpetuity. Glenn also acknowledged those who contributed time, collections, and/or money to the Collection, specifically citing Harry Greenwald, Dewey Rainville, Cliff Fleenor, John and Sue Kretzschmar, Irv Rubin, and Bob Swain and Dick Landis (who flew in specifically for the dedication then had to leave immediately).

As an aside, the hallway leading to the Reading Room contained an exhibit marking the 25th Anniversary of the December 21, 1988, explosion of Pan Am Flight 103 over Lockerbie, Scotland, killing 270 people. Thirty-five SU students who had been studying abroad were among the dead. There is a Wall of Remembrance, in front of the Hall of Languages, which we walked past on the way to the Bird Library, though many of us were not aware of it at the time.
Dan McGuire, John Schmidt and Dave Harper enjoy an adult beverage Thursday night. It was dinner on your own Thursday night and most people adjourned to one of the many restaurants at Turning Stone.

Thursday, Friday & Saturday

Bill Humphrey, John Schmidt and Alan Woll. Missing: Jim Moore

Second Place Award (golf towels)

Dan McGuire, Tim Stojka and Mark Wolverton.

Third Place Award (plastic spoons)

John Schmidt, Jim Moore, Alan Woll and Bill Humphrey. Awarded by Mark Wolverton.

Dinner Friday night was assigned seating. With 13 tables, we had a great turnout, one of the best in years.
This is an on-going column which will be appearing in The Much Traveled Sheet. Various committee chairmen in our Association will have the opportunity to share their outlines/summaries with us.

PPA EDUCATION COMMITTEE

Meet Your Education Committee

Left to right, Harry Greenwald, Alan Woll, Tony Mack, Jack Michael, Lance Neward, Gail Bristol, Dan McGuire, Viv Malpas, Dennis Richmond, Vince Withenup, Steve Hershfield and Wolfgang Meyer.

The committee is dedicated to promoting the plastics industry, specifically focusing on methods to educate future industry participants. The committee does this by soliciting contributions to the Plastics Pioneers Education Fund, to solicit applications for scholarship awards, review those applications and devise ways to promote and encourage careers in the plastics industry.

The Education Committee recently awarded several $3,000.00 scholarships.

The Committee also donated $1,300 to the John Abrams Memorial Scholarship Fund.

Look for Scholarship Recipients and amounts in our next issue of The Much Traveled Sheet.

June 3, 2013

Mr. John Kretzschmar
1524 Treetop Place
Bowling Green, OH 43402

Dear Mr. Kretzschmar,

I was so pleased to see the $1300 check for the extra funds donated by your members to the John Abrams Memorial Scholarship Fund and wanted you to know this inspired the Stout Plastics Engineering student group to contribute the last $100 to put the fund at $50,000. What a great accomplishment and what a great statement on so many levels. On behalf of the Stout University Foundation I want to thank you for these additional funds. This has been an impressive effort by numerous individuals and organization coming together to honor a man who served his country so many years ago; please thank those who came forward with these funds.

And do, please, let your members know that if they are ever going to be in the Menomonie area, to give a call. I would be happy to give a tour of plastics engineering at UW-Stout; I think you’d enjoy it.

All the best,

Terese Wentworth
Interim Alumni Director
University of Wisconsin-Stout
320 South Broadway
Menomonie, WI 54751
715-232-1151
715-232-5015 (fax)
Louis Smith Tainter House
320 South Broadway P.O. BOX 790

New Member Bob Dealey was a classmate of John Abrams and was influential in setting up the scholarship
The PlastiVan™ Program

On Saturday, at Turning Point, Marjorie Weiner, Senior Outreach Educator for the SPE PlastiVan™ program gave a mini-demonstration and presentation on things she teaches with the PlastiVan™ so that we could learn more about the mission and value of this special program. Margie travels to schools and companies throughout North America, educating people of all ages about plastics’ chemistry, history, processing, manufacturing, sustainability, and application. Marjorie is providing hands-on knowledge about plastics to approximately 50,000 young people in over 100 schools per year. This truly is “plastics education on the move.”

The PlastiVan™ mission is to provide sound science and educational programs which spark scientific curiosity in students while increasing their knowledge of the contribution plastics make to modern life. The program teaches about polymers and engineering, thermoplastics, thermosets, composites, and high tech materials. The program also informs students about how, where, and why various plastics are made.

Marjorie gave several demonstrations that provide a “wow” factor for students, including polyurethane foaming, wicking materials, super absorbent Kevlar, and nylon fibers. The program’s focus is on students in early high school (9th-10th grade), when curiosity is at its highest and the program has been found to be most effective.

It is the hope that a DVD of Marjorie’s visual presentations will be available in future. This would expand the mission and value of SPE’s PlastiVan™ program.

New Member Induction

The Plastics Pioneers Association last month announced that eight new members have been selected to join the organization. The membership is limited to 250 active members who must have 25 or more years of experience in the industry to be considered. In addition, an existing PPA member must sponsor the nominee who is judged on their contributions made to the advancement of the plastics industry.

Bob Dealey

Bob Dealey has spent his entire career in the plastics industry, focusing in particular on tooling and moldmaking. Bob worked for eight years at Square D, where he was a tool and project engineer, then a supervisor of tool and manufacturing engineering for the company’s injection and compression molding operations. For the past 17 years, Bob has run Dealey’s Mold Engineering, which provides consulting services to processors and moldmakers. Throughout his career, Bob has been active with the SPE and SME. In 1994, he was acknowledged by the SPE as their Moldmaker of the Year and was designated as an SPE Honored Service Member.

Sponsors: Glenn Beall and Larry Schneider

Richard Flannagan

Since 1993 Richard Flannagan has been involved in moldmaking, first with Standard Tool, then as owner of Stan-Cast Inc., Leominster, Mass. During his career, Dick has served as past Secretary, Treasurer and Chairman of the SPE Pioneer Valley Section; and Vice President and President of the SPI Northeast Region. Dick currently has his own firm, Molds International and Consulting, where he serves as President.

Sponsors: Tim Womer and Glenn Beall

Dennis Hayford

Dennis Hayford has been involved in plastics since he joined A. Schulman in 1976. Since 2000, Dennis has been the Executive Director of the Polymers Center of Excellence, Charlotte, N.C. He has also served on PCE’s Board of Directors, and as Chairman. Dennis has been an active member of the SPE since 1978, at both the section and international levels, and in 1992 was awarded the membership grade of Honored Service Member (Fellow). Dennis has twice served as section president; twice served on SPE’s International Council, and has served on many Topical Conference Committees. He is also a two-time winner of the SPE’s Outstanding Section Member Award. Dennis currently serves as an advisor to the local Carolinas’ Section of SPE. PCE frequently provides meeting space for TOPCON’s and other local SPE events.

Sponsors: Tim Womer and Glenn Beall

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It is the hope that a DVD of Marjorie’s visual presentations will be available in future. This would expand the mission and value of SPE’s PlastiVan™ program.
Robert Jackson
Robert Jackson is the President and CEO of Jackson Machinery Inc., Port Washington, Wisconsin, a blow molding machinery company he founded in 1985. Robert started his career in plastics in 1968 and has been part of the industry ever since. He has served the SPE as Mid-Michigan Chapter Past President; as National Council for the Blow Molding Division; and as Chairman of the Blow Molding Division's Board of Directors.

Robert remains active today as an SPE blow molding division member.

Sponsors: Al Hodge and Tim Womer

David Nolan
Throughout his entire 26-year career in plastics, David Nolan has been focused on advancing the state-of-the-art in injection molding. He spent 16 years at Gillette, first as a Processing Engineer and then as Engineering Manager, where he and his team applied the latest technology to utilize sophisticated high-speed automation in parallel with high cavity molds. David was closely involved in the launch of several of Gillette’s successful products, such as Mach II® and Fusion® razor systems. David is currently with Foboha USA, where he is U.S. Sales Engineer. Based in Germany, Foboha specializes in sophisticated tooling for multi-component injection molding, and serves global customers such as Proctor & Gamble, Becton Dickinson, and Rexam.

Sponsors: Al Hodge and Tim Womer

John Perdikoulias
John Perdikoulias joined the plastics industry in 1985, when he went to work for Brampton Engineering as an R&D Engineer. In his 12-year stint at Brampton he designed more than 200 single-layer and more than 100 coextrusion dies for blown film. One of the more significant products that John helped commercialize is Brampton’s stacked-type die, called the Streamlined Coextrusion Die. His work ultimately led to the sale of the world’s first commercial 8- and 9-layer dies, which have helped make Brampton a global leader in coextrusion blown film extrusion systems.

John co-founded Compuplast in 1989, where he currently serves as President. At Compuplast, he has developed some of the most advanced CAE tools that more than 200 companies around the world use for the design and optimization of polymer processing equipment. John earned both his bachelor’s and masters’ degrees in chemical engineering from McMaster University in Hamilton, Ontario. He received his PhD in chemical engineering in 1997 from the University of Waterloo. John has been an active member of both the SPE and TAPPI for, virtually, his entire career. In 1997, he received the best paper award for his presentation at ANTEC®. He also received the TAPPI PLACE Technical Achievement Award and Best Paper award in 2004. He also recently received designation as an Honored Service Member of SPE.

Sponsors: Al Hodge and Tim Womer

Mark Spalding
Mark Spalding has spent his entire 28-year career working in R&D for Dow Plastics. Over that span, he has held a number of technical positions in corporate R&D, polyethylene R&D, plastics R&D, and INCLOSIA Solutions. Mark is widely considered an expert in single-screw extrusion and related polymer processing technologies. He has solved some of the most complicated extrusion problems at Dow customers’ plants by developing and applying sophisticated troubleshooting methods. These solutions have created considerable value to both Dow and to Dow’s customers. Mark has designed extrusion systems for most of Dow’s major customers for virtually every resin that Dow produces. Mark has been involved with the SPE throughout his career. He has served as technical program chairman for SPE’s ANTEC® Conference in 2008, 2009, 2012, and 2013 and served on the SPE’s Fellows Selection Committee in 2004, 2005, 2006, 2007, and 2013. Mark has been a board member of the SPE’s Extrusion Division since 1999, having served as chairman in 2004-2005. He is also a member of the Polymer Processing Society. Elected an Honored Service Member of SPE in 2011, and a Fellow Member in 2003, Mark also received the Bruce Maddock Award from the Extrusion Division in 2006 and six times received the Best Paper Award at ANTEC®. Mark and coauthor Prof. Gregory A Campbell completed a book to be published by Hanser in April 2013 titled Analysis and Troubleshooting of Single-Screw Extruders. The book is 700 pages; the first half provides the fundamental theory of extrusion based on screw rotation physics, the second half contains nearly 100 actual case studies on extrusion problems and their technical solutions.

Sponsors: Al Hodge and Tim Womer

Tim Stojka
Tim Stojka is the CEO of Fast Heat, based in based in Elmhurst, Ill. Since 1957, Fast Heat, has been a supplier of temperature control equipment. Throughout his career Tim has devoted his time to numerous industry associations, most notably the SPI. He has served as Chairman of the NPE Show, and as Vice Chairman of the of the SPI’s Midwest Region.

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FROM THE DESK OF THE EDITORS, NOVEMBER 2013

By David & Rozann Caldwell, Co-Editors

Sadly, this is our last issue. We are retiring as editors of the Much Traveled Sheet. We have been publishing the newsletter for six years and think it’s time for new perspectives. We are turning it over to the capable hands of John and Moira Fearcombe. We will be in Orlando helping them with their first issue and will be available after that to supply any help they might need. We are also welcoming Larry and Terry Schneider to the Committee with this issue.

We have been truly honored to hold this position for the Pioneers and appreciate the input we have received from the members and spouses, especially the very positive comments about how much people have enjoyed the newsletter. We intend to remain active in the Pioneers and look forward to new challenges.
Peter Bemis, President, CEO and co-owner of Bemis Manufacturing Company, died of cancer on October 10, 2013 at his home in Elkhart Lake, Wisconsin. Peter was born in Sheboygan, Wisconsin (April 21, 1947) to F.K. “Pete” Bemis and Grace (Carlson) Bemis.

Peter attended Sheboygan schools, and graduated from Carroll College (University) in 1969 with a degree in business administration and economics, with a minor in philosophy. After graduating, he joined his family’s business as a clerk.

Over the years, Peter rose through the ranks at Bemis, earning 27 process and design patents, while pioneering the use of multi-layer extrusion and co-injection molding, which, each year reuses millions of pounds of recycled plastic. He introduced statistical process control – the use of multi-layer extrusion and co-injection mold of the DuPont de Nemours Company, in Geneva, Switzerland.

While at DuPont, he worked on the commercial development of plastics, and holds several patents related to extrusion. He edited the book, Processing of Thermoplastics Materials and authored numerous articles on the processing of thermoplastics and the use of CAE in plastics processing.

In retirement, he consulted, mentored, and founded Plastics & Computers, Inc. and was active in the Society of Plastics Engineers (SPE) and the Plastics Pioneers Association.

Besides leading the company, Peter was well known locally for his community services. Peter is survived by his wife Susan (Fleming), his children, son Jonathan and daughter-in-law Dana (Broberg) of Sheboygan, daughter Rebecca of Sheboygan, son Peter (PK) and daughter-in-law Nena (Jakovac) of Sheboygan, and stepdaughters Aleah Altman of Philadelphia, PA and Nadine Altman of Seattle, WA. He is also survived by his grandchildren Katherine, Margaret, Elizabeth, Caroline and Lucas, siblings Patricia (James) Schreiber of Sheboygan, Richard (Kristin) Bemis of Sheboygan, Catharine Stayer of Elkhart Lake; Mary Louise “Luke” (Joel) Lubbers of Sheboygan; stepbrother Steven (Katy) Larson of Plymouth; and Linda (Thomas) Ottensman of Boulder, CO. He is also survived by former spouse Wendy, and by many nieces and nephews. Peter was preceded in death by his parents, stepmother Josephine (Larson) Bemis, and stepsister Sarah Mabey.

Ernest Bernhardt, of Dallas, Texas died on March 2, 2013 at the age of 90. Born in Berlin, Germany, he immigrated to the United States in 1936. A graduate from Montclair High School (NJ.), he earned a B.S. degree in Chemical Engineering from Purdue University, a M.Ch E. from the University of Delaware, and a doctorate in Chemistry from the University of Darmstadt, Germany.

After serving in the US Army during WWII, he enjoyed a long career in the plastics industry, including more than twenty years at the European headquarters of the DuPont de Nemours Company, in Geneva, Switzerland.

While at DuPont, he worked on the commercial development of plastics, and holds several patents related to extrusion. He edited the book, Processing of Thermoplastics Materials and authored numerous articles on the processing of thermoplastics and the use of CAE in plastics processing.

In retirement, he consulted, mentored, and founded Plastics & Computers, Inc. and was active in the Society of Plastics Engineers (SPE) and the Plastics Pioneers Association.

A Dallas resident since 1995, Ernest enjoyed diverse interests, including his family, travel, volunteering, and riding his bike on the Katy Trail. He served on the Board of the Dallas Chamber Music Society for many years, and supported theater, music and the arts. He was known for his intellect, pragmatism and wit, which he maintained until the very end of his life.

Ernest is survived by his wife of 61 years, Elizabeth C. Bernhardt; daughter, Anne Bernhardt; son Russell Bernhardt, and his wife, Dr. Belinda Vicioso, and granddaughters, Antonia Bernhardt, and Maria Bernhardt.

Mervyn Carlyle Gill (M.C.) passed away on May 30, 2013 at the age of 102. He was one of the first pioneers and business founders in plastics manufacturing after WWII and had been a PPA member since 1983.

M.C., born in Terrill, Iowa, first attended a regional junior college, transferring to the University of Minnesota, and finally graduating from the University of Southern California (USC) in 1936 with a degree in Chemistry. He earned a degree in Chemical Engineering in 1937.

M.C. began his professional career at U.S. Royal Tire Company as a quality engineer. When WWII broke out he went to work at Swedlow where he furthered his knowledge in plastics. At the end of WWII, M.C. started his own business in a rented garage, making consumer items out of plastic. His business was not an instant success so he went to work at Aerojet Company to earn the money to feed his family and worked at his business at night and on weekends. He invented, sold, and installed a wall covering that was impervious to markings or liquids, but the products he envisioned were before their time. After 5 years of hard work, he struck upon an opportunity to make cargo compartment wall liners for the DC-6 aircraft. The company he started still exists today as the world’s leading maker of airplane cargo liners and flooring to airlines around the globe.

When he wasn’t working on developing new ideas and products for his company, he spent time with his children as a Cub Scout Master, coaching youth athletics with his boys and driving his daughter and her pigeons around for races. M.C. had season tickets to USC football and basketball games and created the Composites Chair at the Viterbi School of Engineering at USC.

M.C. is survived by his current wife, Hester, his three children, Stephan, Phillip and Debaney, his three stepchildren; Dirk, Amelie and Caroline, as well as 9 grandchildren.

Allan Niemier, 84, of Hamburg, died Wednesday, July 31, 2013. He was a long-time farmer and resident of New Jersey.

Allan attended the Horace Mann Lincoln School in Manhattan and was awarded his dian Engineer degree from Iowa State University in 1951. He recently earned his realtor’s license. Allan served as president of A.F. Niebuhr Sales, Inc. since 1964. He was also Vice President of Machinery Group Inc. He represented the machinery company Van Dorn-Demag for 31 years and was inducted into the Van-Dorn hall of Fame in 1988. Allan also worked for 14 years at Milacron. He was a member Emeritus of the Society of Plastic Engineers and served as President of the Newark Chapter. Allan was also a member of the Plastic Pioneers Association and the Air Craft Owners and Pilots Association.

In addition to his work, Allan spent much of his time volunteering within his community. From 1985 to 2010 he was a member of Kingwood Township Volunteer Fire Company, serving as president, secretary and member of the executive committee. From 1980 to 1983 Allan was mayor of Kingwood Township. He also served Kingwood Township as a member of the Planning Board, Board of Health, and Board of Adjustments. In his spare time Allan enjoyed boating, skiing, golf, fox hunting, flying and reading. He was also an avid antique car collector and storyteller, constantly planning his next trip to Cape Cod.

Allan is survived by his wife, Lisa Mauro Niebuhr; and his children, Nicole Barrar and Andrew Niebuhr; four grandchildren, Thomas, Jake, Charlie and Annabelle; and two godchildren, Mikayla and Gunther. He is predeceased by his mother, Clara Marie (Hartwig) Niebuhr; father, John Frederick Niebuhr; and brother, Robert Niebuhr.

Donations may be made in Allan’s memory to Kingwood Township Volunteer Fire Company, PO Box 99, Baptistown, NJ 08803 or Plastic Pioneers Scholarship Fund, c/o Plastic Pioneers Association, Inc., 3900 Dayton St., McHenry, IL 60050 or Msgr. John E. Cott Stroke & Wellness Center at ARK, 95 Mt Kemble Ave., Morristown, NJ 07960.
Refurbishing old trucks is not for everyone. Refurbishing tired old iron and making it shine better than new can be a fun hobby. I have the pleasure of owning a 1951 Chevrolet pick-up truck called Ole Red. You know you’ve bonded with an old car when you name it.

I never ran my first old truck and this is my second attempt at refurbishing an old vehicle. Rust is the real enemy of any older vehicle and condition is a relative term. I purchased the truck about five years ago due to its condition - very little rust and good overall state of repair. A couple of years were spent tinkering with the mechanicals, things like a new clutch, master brake cylinder, tune ups and freeing sticking valves. Then the body work and paint process began.

The truck had an earlier restore, probably 25 years ago, in which all sheet metal was removed and worked on and the undercarriage had a rust preserver applied. That application probably prevented a lot of additional rust. This time around all the sheet metal, save the cab, was removed and reworked.

The process was done by a retired Chicago body shop owner and entailed a complete disassembly. Each painted part had the paint removed and any area of rust worked on. The worst parts were the fenders. The front fender had four areas of rust with one spot showing a hole. Both rear fenders, in an area behind where the running board meets, had signs of rust from the inside. Here a metal patch was fabricated and welded in. While it did not need the fix at this time, it would create a problem five to ten years down the line.

After paint removal and rust areas treated, all scratches and dents were bumped and sanded out before a coat of primer was added and all surfaces were sanded. The sanding exposed high and low spots and the body hammer and dolly (steel anvil used on the underside) was put to use. Primer was applied once more and all ripples were worked out using up to three foot long sanding tools.

Once again, primer was sprayed and each sheet metal component lightly sanded. Then the truck was partially reassembled and a coat of sealer applied. The seal coat was lightly sanded and prepared for paint. Two coats of base color paint was applied, dried and buffed. Finally a clear coat was sprayed over all painted parts to bring out the gloss.

Reassembling was tedious as great caution had to be used to not scratch any of the newly painted sheet metal. For this reason, the front fenders were installed prior to the paint application.

General Motors introduced a new post war pick-up truck on June 28, 1947. The term “Advanced Design” was used to identify this new model. The series ran from 1947 to 1953 with little noticeable difference to the appearance. The pick-up’s engine is a 90 horsepower, 174 ft-lb. of torque, 216.5 cubic inch Thrift Master OHV with six cylinders. On a good day and down-hill you might coax it to 60 MPH. It has a three speed manual transmission with the shift lever mounted on the steering column.

Ole Red has a 6-volt electrical system and to engage the starter you press on the little round pedal next to the gas pedal. It has a manual choke and a throttle so you can set the idle faster on a cold day. The truck had few factory options with the most notable being a rear bumper for $10.40. Dealer installed options included a radio, heater, oil filter, oil bath air cleaner, lighter, external mirrors, a right side tail light and turn signals.

The price of this model, 3100 which designated it as a one-half ton, short box pick up was around $1,500.00 plus $45.00 shipping. An automatic transmission was not available until several years later.

I was reminded how far plastics have evolved in the automotive industry since 1951. If I count correctly, this model truck had about 16 plastic parts. It never had a radio (can tell by the absence of an antenna hole in the sheet metal), but has a spot for one and the volume, tuning knobs and push buttons were plastic, probably cellulose acetate. That would account for nine plastic parts. Phenolic was the plastic of choice for the steering wheel, shift lever knob, ash tray handle, and dome light switch button. In the ignition system, the distributor cap and rotor and coil tower are also phenolic.

NASA has found an ingredient of plastic in outer space. The Cassini spacecraft found small amounts of propylene in the atmosphere of Titan, Saturn’s largest moon. However, it is only present in a few parts per billion and scientists would need to chain the molecules to mold it into polypropylene.

The moon has a radius of about 1,600 miles, is bigger than planet Mercury, and is the second-largest moon in the solar system. Titan is among the few bodies in the solar system with a significant atmosphere made up of hydrocarbons.

The discovery could help scientists better understand how chemistry works on Titan, similar to the way in which chemistry acted on ancient Earth before oxygen became significant. The small amount of propylene was identified in Titan’s lower atmosphere by Cassini’s Composite Infrared Spectrometer (CIRS). CIRS measured the infrared light, or heat radiation, emitted from Saturn and its moons in much the same way our hands feel the warmth of a fire. By isolating the same signal at various altitudes within the lower atmosphere, researchers identified the chemical with what they claim to be ‘a high degree of confidence’.

The Voyager spacecraft identified many of the gases in Titan’s brownish atmosphere as hydrocarbons, the chemicals that primarily make up petroleum and other fossil fuels on Earth. It detected all members of the one- and two-carbon families. The spacecraft discovered propane, the heaviest member of the three-carbon family, and propyne, one of the lightest members. But the middle chemicals, one of which is propylene, were missing. The middle chemicals were finally found as a result of more detailed analysis of the CIRS data. The detection of propylene fills in a mysterious gap in Titan observations that dates back to NASA’s Voyager 1 spacecraft and the first-ever close flyby of this moon in 1980.

CONTINUED
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PALS COMMITTEE:
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The Survey Says……

After much deliberation, your intrepid statistician has decided that the survey question asked at Turning Stone was poorly worded and, as a result, the findings are inaccurate.

As posed, “In what decade of your life were you most happy?” the response, “Now” was disallowed. In retrospect, by forcing respondents to choose an actual decade, those who were happiest “now” were not correctly reported. Therefore, the survey results for Turning Stone are not going to be reported in detail.

To summarize; however, every decade from pre-teen to 70s was represented. Responses included:

“I was happiest as a four year old because I could dress myself, go potty, play all day, and had no responsibilities.”

“I was happiest in my 20s because I’d just gotten married, had kids, got my first job, etc.”

“In my thirties, I had my first child after years of trying.”

“In my 40s or 50s, I was established in my career and the kids were pretty much on their own.”

“In my 60s or 70s, I had retired and was able to do what I wanted to do with my life.”

John Kretzschmar was privileged to participate in an Honor Flight from Toledo, Ohio to Washington, D.C. on May 22, 2013, with his youngest brother, Vic, acting as “guardian”. John was surprised when another brother, Junior K, met them at the World War II Memorial. The three Kretzschmar brothers toured on their own for several hours. They started with the World War II Memorial, walked to the Vietnam Memorial, passed the Lincoln Memorial, and then went to the Korean War Memorial. There was a bus ride to the Tomb of the Unknown Soldier (the highlight of the trip was seeing the Changing of the Guard), continuing to the Pentagon, the U.S. Air Force Memorial, and the U.S. Marine Memorial, but returning to the airport. There were police escorts, veterans in uniform, and flags galore – very impressive and humbling.

The Honor Flight Network program was conceived by Earl Morse, a physician assistant and Retired Air Force Captain. It is a non-profit organization created solely to honor America’s veterans for all their sacrifices. Heroes are transported to Washington, D.C. to visit and reflect at their memorials. Top priority is given to the senior veterans – World War II survivors, along with those other veterans who may be terminally ill. The flights and tours that Honor Flight Network provides World War II and terminally ill veterans are absolutely FREE.

The inaugural Honor Flight Tour took place in May of 2005. Six small planes flew out of Springfield, Ohio taking twelve World War II veterans on a visit to the memorial in Washington, D.C. In August of 2005, an ever-expanding waiting list of veterans required the transition to commercial airline carriers with the goal of accommodating as many veterans as possible. By the end of the first year, Honor Flight had transported 137 World War II veterans to their memorial. Through the end of 2012, more than 98,500 veterans had been transported to Washington, D.C. to see their memorial.

For further information, including application forms, go to the web site: www.honorflight.org
The PALS Committee again had cards to sign. Beginning at the last meeting, Rozann Caldwell volunteered to have get well cards and sympathy cards to be signed and ready to be sent to members or spouses that have experienced some difficulties. Gail Rotheiser fills out several cards as Rozann watches.

She went to school in Detroit. She has owned an interior decorating store and worked in childcare. Her hobbies are quilting, work at church, photography, reading and fishing.

She met Dan when she was a waitress and waited on him. They have four children and five grandchildren. They are going to travel to Australia, New Zealand and maybe Fiji.

The PALS Committee once again sold raffle tickets. Sellers this day were Helen Michaels, Dolores Mack and Martha Tenny.

The PALS Committee again had cards to sign. Beginning at the last meeting, Rozann Caldwell volunteered to have get well cards and sympathy cards to be signed and ready to be sent to members or spouses that have experienced some difficulties. Gail Rotheiser fills out several cards as Rozann watches.

SPOUSES OF PPA MEMBERS

Darlene McGuire is the wife of our former President, Dan McGuire. She said being the President’s wife was fun and challenging. She got to know many people and about their accomplishments. She is looking forward to the coming meetings.

She went to school in Detroit. She has owned an interior decorating store and worked in childcare. Her hobbies are quilting, work at church, photography, reading and fishing.

She met Dan when she was a waitress and waited on him. They have four children and five grandchildren. They are going to travel to Australia, New Zealand and maybe Fiji.

Glenn Beall was selected as the PPA 2013 Distinguished Service Member and received this award at The Turning Stone Resort on Saturday night during the Fall Meeting. Steve Hershfield, President of PPA, presented Glenn with the award.

In his remarks, Steve noted that the Distinguished Service Member Award recognizes an individual for exemplifying the objectives of the Plastics Pioneers Association. Steve cited several of Glenn’s contributions to the PPA and the plastics industry including:

- Providing meaningful support to Injection Molding, Rotational Molding, Thermoforming, and Mold Making and Design
- Fostering relationships between multiple organizations creating an industry alliance to develop and promote education within the Plastics Industry as a whole
- Collecting artifacts and preserving the history of the Plastics Industry
- Establishing the Glenn and Patsy Beall PPA Reading Room at the Plastics Project and Virtual Museum at Syracuse University

Steve stated that Glenn’s exemplification of the objectives, and continued support, of the Plastics Pioneers Association truly qualifies him for the award of Distinguished Service Member.

In his remarks, Glenn stated that a “simple thank you doesn’t rise to the occasion” of accepting the Pioneer’s highest award. He reiterated that he was “just plain lucky enough to be in the right place at the right time to meet the right people”. Glenn’s “luck” included being born at a time when the plastics industry experienced explosive growth in the 1950s, 60, and 70s; convincing his high school sweetheart to marry him 60 years ago when he was a flat broke college student; meeting a fellow student who had worked in the plastics industry and being convinced to pursue plastics as a career; finding plastics-related work after graduation at General Electric and Abbott Laboratories before leaving Abbott to start his own plastic product design and development company in 1968; being inducted into PPA in 1984 and meeting giants of the plastics industry; and meeting Harry Greenwald who knew of the Special Collection Group at Syracuse University, the connection that led to the establishment of the Plastics Pioneers Reading Room. Glenn declared that it was Patsy, not him, who first came up with the idea of financing the remodeling of the room and purchasing the rights to the Reading Room in perpetuity. Because the university has “decided that it is their program, this means that the collection, the website, and the Reading Room will survive and prosper long after all of us are gone.” In closing, Glenn thanked “Patsy for always being there and the Pioneers for making it possible for him to socialize with the titans of the plastics industry for the past 30 years.
Questions For Your Doctor

HEALTH ISSUES FOR YOUR CONGRESS-MAN by Dr. Knover E. Little

A tumor is like a “Check Engine Light” on your automotive dashboard. It appears or comes on after a problem, but the light itself is not the problem. Likewise, the tumor is not the problem… and its size has nothing to do with curing your cancer. If you kill the cancer cells in the tumor, the tumor is nothing but a harmless piece of tissue.

Do you know that Artemisinin, an extract from the Artemisia (aka wormwood), selectively targets cancer cells? Cancer cells need extra iron to replicate DNA… as a result they have a higher concentration of iron than normal body cells. The Artemisinin complexes this iron and the cancer cell dies leaving normal body cells unscathed.

In his book “Cancer-Step Outside the Box”, Ty Bollinger reports Artemisinin reducing breast cancer cells by 98% within 16 hours – compare this with a 1.4% survival rate for chemotherapy (Clinical Oncology, December 2004)… and Artemisinin destroying 100% of leukemia cells in eight hours. (Like Sciences, 2001)

Apparently, the more aggressive the type of cancer the more effective the iron complexing treatment.

Dr. Knover E. Little

P.S. Questions for Dr. Little may be directed to:
David Caldwell, Editor, PPA
W327 S6754 Westgate Dr.
Mukwonago, WI 53149
Phone 262-392-2678
Email: dcaldwell@wi.rr.com

FOR SALE!!

Once again, the PALS committee is selling PPA embroidered Sweatshirts. Gail Rotheiser models this Blue Polyester/cotton 50/50 heavyweight ultra blend fleece crew with the PPA logo. Sizes available are small, medium, large, XL, XXL and XXXL. Price is $25.00 if picked up at the 2014 Fall Meeting @ York Harbor, Maine, or $31.00 delivered to your home.

The PALS are also selling Deluxe Polo Style “Palmer Caps”, 100% Cotton Twill fabric, with velcro closure. The red is shown here - additional colors available are Kahki (Tan) and Navy. Price is $10.00 picked up in Maine, or delivered to your home.

Mail your order to Dolores Mack at 48 Old Nugent Farm Road, Gloucester, MA 01930. Order soon so Dolores can get them in time for the 2014 Fall Meeting, or to get delivered to your home. Make checks payable to the Plastics Pioneers Association and mail them with your order. Send any questions to Dolores at doloresmack@cs.com or call her at 978-281-3213.

WHAT’S NEW WITH YOU?

What’s New With You?

Let us know what’s new and/or exciting in your life, or that of any other of our Pioneer friends. No foolin’, your friends want to know!

Write, phone, fax or email to:
The Much Traveled Sheet
W327 S6754 Westgate Drive
Mukwonago, WI 53149
Phone 262-392-2678
Email: dcaldwell@wi.rr.com

MARK YOUR CALENDERS FOR THESE UPCOMING MEETINGS:

Feb. 19 - 24 2014
Loews Royal Pacific Resort
http://www.loewshotels.com/Royal-Pacific-Resort/

Oct. 16 – 19, 2014
Stage Neck Inn
http://www.stageneck.com/