

**TRA's**

**No Name**

# **GAZETTE**

**For Northrop Grumman & TRW Legacy Retirees**

VOL. XXVIII NO. 5

September/October 2016

## **Your Ballot is Inside. Please Vote!**

Each summer the TRA Board nominates its Officers and Directors-at-Large for the coming year. These names are then submitted to the members to ratify or to nominate other candidates. Officers serve for a one-year term, while the Directors-at-Large are elected for a term of two years. The longer term for the latter group helps bring continuity to the management and operation of TRA. Directors-at-Large are limited to three consecutive terms (six years.) Officers are limited to two consecutive terms (two years), with the exception of the Treasurer, who may serve up to five consecutive terms.

A member survey is also included on the ballot. We would like some feedback on how we are doing and what we could do better.

Please take the time to vote and fill out the survey. Your votes show that you support the nominating committee and those other hardworking individuals that help make TRA strong. You can vote by completing the enclosed ballot and mailing it in. Just follow the instructions on the ballot. Your ballot must be postmarked by October 15, 2016 to be counted. **Or, you can go to the [tra-spacepark.org](http://tra-spacepark.org) website and click on the "2017 TRA Ballot" button on the home page to vote and fill out the survey electronically.**

Here are the nominees:

### **President**



**MARY ANN CHORY:** Mary Ann retired from NG in 2013 with 33 years of service. She joined TRW in 1981 after working three years at TASC. Mary Ann received an M.A. from University of Minnesota, an M.A. in Teaching from University of Chicago and a B.A. from St. Mary's College, Notre Dame, IN (all in mathematics.) She worked the majority of NG's space programs in all phases of development.

Her assignments ranged across many disciplines: systems engineering, control systems, and hardware development. These included Director positions in program, functional and technology development. Mary Ann is a current TRA Director-at-Large and was appointed Secretary in 2016 to replace Jay Seidman.

### **Vice President**



**AL HAUSRATH:** Al spent 30 years in the aerospace field, initially with Convair. There, he was Chief of Stress and head of the Structural Methods group working on the development of the Atlas and Centaur boosters. Al joined TRW in 1966 at Norton Air Force Base, working on the MX ICBM development. He transferred to Space Park in 1974. He retired in 1988 as a Project Manager in the System Engineering and Integration Division,

where he worked on many different classified projects. His interest in computers led to an avocation of desktop publishing. He edited the NNG from 1993 to 2016. He is a Fellow in the American Society of Mechanical Engineers. He was President of TRA for two years, and has previously served as a Director-at-Large.

### **Secretary**



**MICHAEL NARIGON:** Michael retired from Aerospace Systems in 2014 after almost 30 years with TRW/Northrop Grumman. He started in the Controls Engineering Department in Building 82 where he worked Fixed Base Test for multiple programs. He managed Advanced Bus test bed integration and the Integrated Avionics program. He worked on laser communications programs at TRW and took a stint at a small start up in Washington state to commercialize laser communications. He received a B.S. in Aerospace Engineering from Iowa State University and an M.S and Ph.D. in Aeronautics and Astronautics from Stanford University. He is currently editor of the No Name Gazette.

### **Treasurer**



**CHARLES CLENDENING:** Charles retired from NG in 2012 after 35+ years at TRW/NG. He joined the TRW ATD Engineering Sciences Laboratory after a short Air Force tour. Charles received a B.S. degree from Case Institute of Technology and a Ph.D. in Physics at Cornell University. He supported a number of diverse programs primarily in laser-related areas. His final assignment was as a Technical Fellow and the Chief Scientist on the ABL Program. Charles is currently serving as a TRA Director-at-Large.

### **Directors-at-Large**



**ROBERT DOLL:** Bob spent most of his 30 years at TRW/NG in the Ground Systems Department of the Hardness and Survivability Laboratory. Bob supported cryocooler flight vibration testing and dynamic loads analysis for Titan IV and Delta IV boost vehicles for Launch Systems Integration. He obtained his B.S.M.E from CSULA, M.S.M.E from USC, and a Ph.D. from UC Berkeley. He retired in 2004 and has served two terms as President of TRA. He is currently serving a fifth term as Treasurer.

*Continued on Page 5*

### **Upcoming Events**

Holiday Party

December 2, 2016

## TRA for Northrop Grumman Retirees

The Retirees Association (TRA) welcomes the retirees of Northrop Grumman and TRW.

### 2016 Officers

Dena Bouskos	President
Jack Trost	Vice President
Bob Doll	Treasurer
Mary Ann Chory	Secretary
Darrell Ausherman	Immediate Past President

### 2016 Directors-at-Large

Mary Ann Chory, Charles Clendening, Reggie Jue, Marcy Morrison, and Carol Schamp.

The No Name Gazette is the official publication of TRA. It is published six times a year.

### Publication Staff

Michael Narigon, Editor  
Al Hausrath, Frank Warren, Contributing Editors  
Kim Lewis, Carol Schamp, Copy Editors

## Contacting TRA

### By Mail:

TRA, P.O. Box 1276, Redondo Beach, CA 90278

### By Phone:

310-813-7745

### By Email:

TRA@tra-spacepark.org - Your emails will be routed to the appropriate source. And, if we have your e-mail address on file, we send out special alerts to TRA members as the need arises. To get on the TRA email list, just send us a brief email requesting to be added to it.

### By Web:

Our web site is at [www.tra-spacepark.org](http://www.tra-spacepark.org). It is an excellent source for the latest news, lists of the new retirees, travel details, party photos (more than get into the NNG), forms of all sorts, personal photographs, and much more. Register, log on, and browse.

### For Membership:

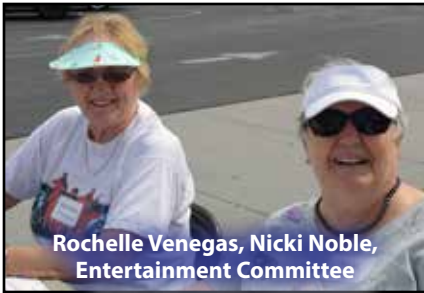
TRA Membership is open to all Northrop Grumman and TRW-legacy retirees at \$10 per calendar year. First year free. The application is available on the website.

## NG/TRW Retirees Meetings Around the US

GROUP	MEETING LOCATION	TIME & DATE	OTHER INFO	CONTACT
TRA	Bldg. S/Cafeteria, Space Park	3rd Thursday Monthly	Business Meeting 1:30 p.m.	No reservations needed, All members welcome
ATD Friends & Colleagues	Palos Verdes Golf Club, 3301 Via Campesina, PVE, CA 90274 310-375-2533	Tuesday, November 1, 2016	Social, Nostalgia and Lunch Reserve by October 21, 2016	Jack Trost, Dena Bouskos, Carol Schamp 310-377-2194 cschamp@aol.com
Beach Cities Get-together	Grunions Restaurant, 1501 N Sepulveda Blvd, MB, CA	Last Monday, Even months 11 AM to 2 PM	Social	Allen Parker 310-780-0712 777allendsp@gmail.com
Brevard Retirees	Various Locations in Brevard, NC	1st Wednesday 8 AM, 3rd Wed 5 PM	Social	Al & Daughn Connarn 828-884-4993 aconnarn@yahoo.com
Central Coast Chapter	Various Locations in the Central Coast Area	Various days: contact Zaiser for details	Social	George Zaiser 805-473-2105 gzais@cloud.com
Houston Chapter	Baybrook Denny's, 19212 Gulf Fwy, Friendswood, TX	3rd Tuesday, 8:30 AM	Social	Gary Dinsmore 281-461-6270 samngary@att.net
Huntsville Chapter	2nd Tues Varies: E-mail for Location 4th Tues Macaroni Grill, Madison Mall	2nd Tuesday, 11:30 AM 4th Tuesday, 11:30 AM	Social	www.TRA-Huntsville.org Jim Troy 850-797-0044 jtroy@troysig.com
Las Vegas	Various Locations in Las Vegas Metro Area	Last Tuesday, 11:30 AM	Social	Carol Noblet 702-889-6773 cannob70@gmail.com
Northern Virginia	Old Brogue Pub, Great Falls, VA	3rd Friday, 11:30 AM	Social	Bill Gehrke 703-759-0527 wgehrke@att.net
Ogden	Cracker Barrel Restaurant, Layton, UT	1st Thursday, Breakfast	Social	Charles Vono 801-745-5879 charlesvono@comcast.net
San Diego Chapter	Event Dependent	3rd Tuesday, Alternate Months	Social or Board Meeting	<a href="http://sandiego.tra-spacepark.org">http://sandiego.tra-spacepark.org</a> Jim Denton 858-385-0150 JWDenton@san.rr.com
Temecula Valley	J. Carters Grill, 40365 Murrietta Hot Springs Rd, Murrietta, CA	2nd Wednesday, Lunch	Social	Maureen Locken 951-244-7654 maureen_locken@yahoo.com
The Mountain Folks	Various Locations in the Denver Area	First week of each quarter	"We do have fun!"	Carl Winkelman 303-693-0034 winkelman@att.net
TRIN	<b>Holy Family House, American Martyrs Church, MB, CA</b>	<b>2nd Thursday, 1:00 PM</b>	Investment Info based on monthly newsletter reviews	Bob Eshbaugh 310-376-5880 eshonnet@yahoo.com
Ventura Romeos	Mimi's Cafe Thousand Oaks	1st Tuesday, Lunch	Social	Fred Blaich 805-499-0012, Harry Stroud 805-653-5117

## TRA's Summer Annual Reunion August 12, 2016

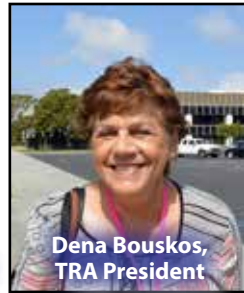
TRA took advantage of the empty campus (due to the Off-Friday schedule) to meet again in Building S for our Annual Reunion. Aramark catered a choice of homestyle meatloaf or herb crusted chicken breast with all the fixings. Dena Bouskos, TRA President, showed videos from the Cal Tech memorial service for Si Ramo. These photos are by Mary Holcomb. To see all her photos of this event, visit [www.tra-spacepark.org](http://www.tra-spacepark.org).



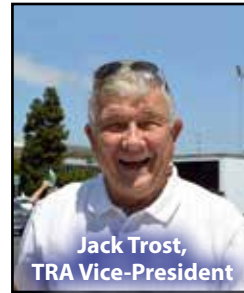
Rochelle Venegas, Nicki Noble,  
Entertainment Committee



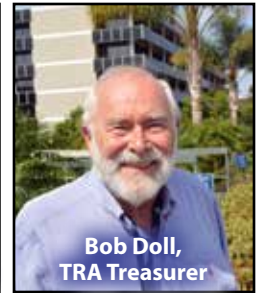
Marcy Morrison,  
Entertainment Chair



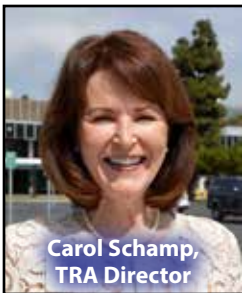
Dena Bouskos,  
TRA President



Jack Trost,  
TRA Vice-President



Bob Doll,  
TRA Treasurer



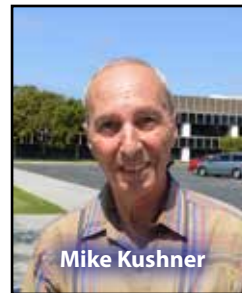
Carol Schamp,  
TRA Director



Charles Clendening,  
TRA Director



Reggie Jue,  
TRA Director



Mike Kushner



Sherry Adame, Linda Javier



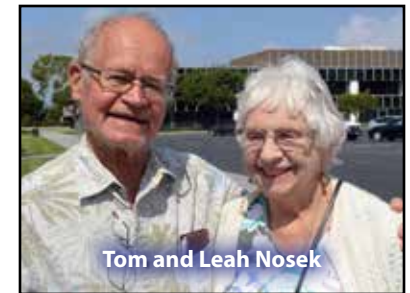
Jacob and Esau Wilder



Margaret Locarnine



Jack Williams



Tom and Leah Nosek



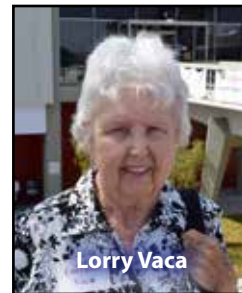
Stephanie Sundius



Al Hausrath



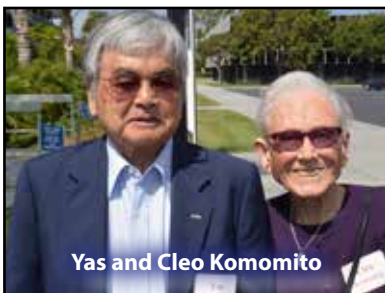
Mel Hausrath



Lorry Vaca



Mike and Terri Allison



Yas and Cleo Komomito



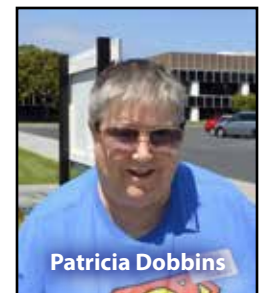
Robert Kessenich



Tom Heim



Dave Adley



Patricia Dobbins

### TRA's Summer Annual Reunion August 12, 2016 (continued)

To see all of Mary Holcomb's photos of this event, visit [www.tra-spacepark.org](http://www.tra-spacepark.org).



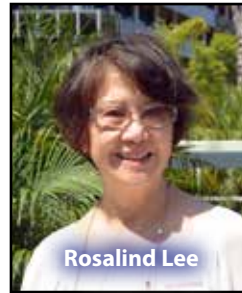
Clifford and Winnie Pang



Michael Balale



Glenda Smith-Lee



Rosalind Lee



Valerie Reece



Suresh Pillay



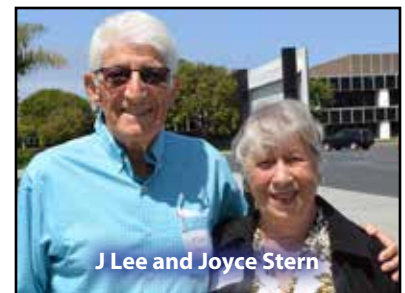
Diana DiDomenico



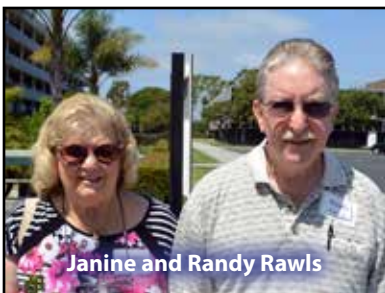
Victoria Carter



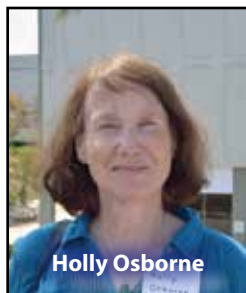
Tom Thompson



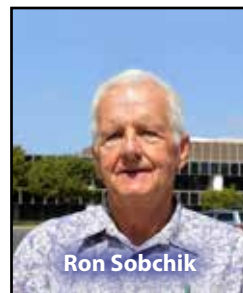
J Lee and Joyce Stern



Janine and Randy Rawls



Holly Osborne



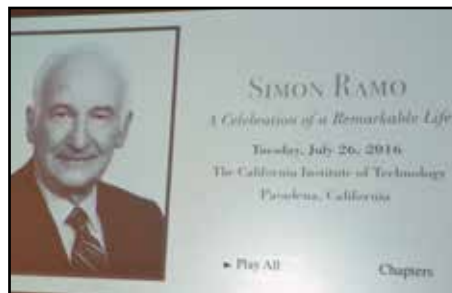
Ron Sobchik



Ralph Miller



Dale Mooney



Ann Williams



Paul Lukas

**2016 Officers**

Dena Bouskos  
*President*

Jack Trost  
*Vice President*

Bob Doll  
*Treasurer*

Mary Ann Chory  
*Secretary*

Darrell Ausherman  
*Past President*

**2016 Directors-at-Large**

Mary Ann Chory\*

Charles Clendening\*\*

Reggie Jue\*\*

Marcy Morrison\*\*

Carol Schamp\*\*

*\*Completes term in 2016, \*\*Completes term in 2017*

**2017 TRA Officer and Director Ballot**

I vote for all the candidates; or, vote position by position below

**Officers** (One year term)

*President*

*Vice President*

P-1: Mary Ann Chory

VP-1: Al Hausrath

P-2: \_\_\_\_\_

VP-2: \_\_\_\_\_

*Secretary*

*Treasurer*

S-1: Michael Narigon

T-1: Charles Clendening

S-2: \_\_\_\_\_

T-2: \_\_\_\_\_

**Directors-at-Large** (Two year term) (Vote for three)

D-1: Bob Doll

D-4: \_\_\_\_\_

D-2: Rosalind Lee

D-5: \_\_\_\_\_

D-3: Jack Trost

D-6: \_\_\_\_\_

**Member Survey (optional)**

1. Does TRA meet your expectations for a retiree organization?  Yes or  No

Comments?

2. Regarding the NNG newsletter, is there other information you'd like to see in the newsletter?  Yes or  No

Comments?

3. Would you be willing to receive the NNG electronically by e-mail vs. the current mailed hard copy?  Yes or  No

4. Would you participate in day trips that begin at Space Park; e.g. JPL tour, Ronald Reagan Museum tour, etc.?  Yes or  No

Comments or suggestions for trips?

5. Currently we hold three social events each year (Spring Fling, Summer Reunion & Holiday Party) in the Los Angeles area. What can we do to get you to attend these events? Any changes you'd recommend for these events?

**Don't forget, if you prefer you can go to the [tra-spacepark.org](http://tra-spacepark.org) website and click on the "2017 TRA Ballot" button on the home page to vote electronically.**

**When completed, fold, tape edges, stamp, and mail.**

**Ballot must be postmarked by October 15, 2016 to be valid.**

*Thank you for participating!*

Place First  
Class Post-  
age Here

TRA  
P.O. Box 1276  
Redondo Beach, CA 90278

2017 Ballot and Survey

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Tape Edge

Tape Edge

Tape Edge

Tape Edge

## IN MEMORIAM

**John William Bacon, III**, 68, May 18, 2016, Mechanical Engineer at TRW/NG

**Patricia Wess Brodsky**, 82, March 30, 2016

**Robert F. Brodsky, Ph.D.**, 90, March 29, 2016, Astronautics Engineer at TRW, 1980-1988

**Janice Ruth Cravello**, 77, August 12, 2016

**Victor C. Cravello**, 79, August 6, 2016, TRW Director of Human Resources, Rtd. from TRW 1992

**Joan A. James**, 85, June 30, 2016, Administrative Assistant, many years at TRW

**Kenneth Edwin Lewis**, 93, February, 2016

**Robert E. Patterson**, 70, about July 6, 2016, Director of Mission Assurance, TRW

**Simon Ramo**, 103, June 27, 2016, see below

**Leta Winifred Risch**, 88, July 6, 2016, Administrative Assistant, 19 years at TRW/NG

**Jerome Robert Shapiro**, 83, April 30, 2016, Electrical Engineer at TRW, 1960-1975

**Charles E. Sylvia**, 82, June 26, 2016, Quality Assurance on Milstar

**Gerald D. Trobaugh**, 84, February 10, 2016, Rtd. from TRW 1992

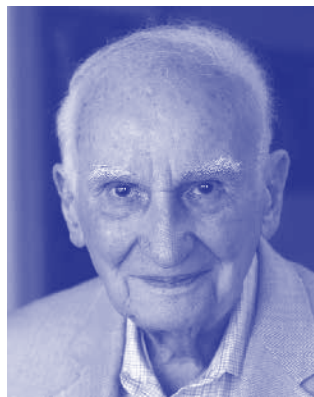
The first step in notifying Northrop Grumman of a retiree's death is to call the Benefits Service Center at 800-894-4194. The Benefits Center does NOT notify TRA of the death due to privacy laws.

If you know of a person that should be included in the "In Memoriam" column, please inform us by either mail or email to the TRA office. As a minimum, we need the name of the deceased; date of death; and the name of the person submitting the information. If more information is available and desired, include age, position and years at NG/TRW, any notable programs, and special skills.

Simon Ramo, the "R" in TRW, died June 27th of natural causes in his sleep at his home in Santa Monica. He was 103. Ramo was born in Salt Lake City on May 7, 1913. Ramo earned a doctorate in electrical engineering and physics from Caltech at age 23. After World War II, Ramo moved to Hughes Aircraft Co. to launch a division devoted to military electronics. Ramo left Hughes in 1953 and formed the Ramo-Wooldridge Corporation to lead the development of the intercontinental ballistic missile. In 1958, Ramo-Wooldridge merged with Thompson Products, and the company was eventually renamed TRW.

Ramo is survived by two children, Jim and Alan. His wife of 71 years, Virginia, died in 2009.

We have posted on our website videos, provided by Jim Ramo, of the Cal Tech memorial service including eulogies by Ron Sugar and Wes Bush.



**Simon Ramo**

(Mel Melcon/Los Angeles Times)



*Continued from Page 1*  
**ROSALIND H. LEE:** Rosalind retired from TRW in 2002 as a Software Staff Engineer for Software Integration. Rosalind worked on the MILSTAR program at the Aerospace Corporation before rejoining TRW. Here she supported the Ground Based Radar program as CSC Package Manager in User Interface with graphics design; the SBIRS Low FDS Ground Segment Project as SOCCS CSC Software Development Lead for the Communications area and as Software Build Integration Lead; the Attack Operations Decision Aid Program as User System Interface Lead; and the Satellite Command/Control/Communication project proposal. Rosalind has a B.S. in Business and Accounting from National Taiwan University. After her immigration to the U.S she received a second B.S. and an M.S. in Computer Science Engineering. Rosalind is now devoting some of her time to the art of portrait painting.



**JACK TROST:** Jack retired from TRW in 1995 after serving 34 years with the company. In addition to his systems engineering contributions to the ballistic missile and spacecraft programs, Jack developed the Fluid Mechanics Laboratory, Building 67. Here he directed experiments in many of the company's first high energy chemical lasers. He received a B.S. in General Engineering from UCLA and an M.S. in Aerospace Engineering from USC. He was president of the TRW/SEA square dance club, Pioneer 8's. Jack is a docent at the Los Angeles Maritime Museum as well as the Western Museum of Flight. He serves on the board of the Peninsula Symphony Association. Jack is a past president of TRA.

## HAPPENINGS AT NG

### Wes Bush to receive 2016 Howard Hughes Memorial Award from the Aero Club of Southern California

Wes Bush, chairman, CEO and president of Northrop Grumman Corporation, has been selected by the Aero Club of Southern California to receive its 2016 Howard Hughes Memorial Award. Established in 1978 by the Hughes family, the Award is presented annually to an aerospace leader whose accomplishments have contributed significantly to the advancement of aviation or space technology. Bush will receive his Award at a banquet at the Jonathan Club, Los Angeles, on Wednesday, February 1, 2017. For more information visit [www.aeroclubsocal.org](http://www.aeroclubsocal.org).



By Frank Warren

### NASA Jet Propulsion Laboratory Awards Mars Orbiter Study Contract to Northrop Grumman

JPL has awarded a contract to Northrop Grumman for Next Mars Orbiter (NeMO) conceptual study efforts to develop concepts for a potential future orbiter. "NASA's Journey to Mars mission is a very exciting focus for anyone who has ever looked up at the stars", said Bob Mehlretter, vice president, military and civil space systems. "Drawing on our history of successful manned and unmanned space programs, as well as our advanced communications technologies, we are excited to be working with JPL on the best design for a future Mars orbiter."

The next NNG will be  
mailed in November.

## THE MAIL POUCH

◆◆◆ **H. Stephen Schloss** (Beverly Hills, CA) reports that his first contact with STL was when its Technical Library came to him in 1959, asking for a copy of a booklet he had compiled: A Bibliography of the Theory of Games. He found that STL/TRW was one of the first companies to have a technical library, and he longed to work there. And he did, 20 great years, 1972-1992. STL was the graduate school of the aerospace industry ◆◆◆

**Ralph Boswell** (Los Angeles) applauds the move of the Summer Annual Meeting back to Space Park. There is something magical about being back on campus. His unforgettable TRW memory: when TRW talent and hardware brought back safely the Apollo 13 astronauts ◆◆◆

**Bob Noble** (Carson, CA) retired in 1992, and he and **Helen** have been traveling ever since. I think we have seen half of the world or more, and we are ready to see more ◆◆◆ Sad news from the **Harmonds**. **Roger** is suffering from Alzheimer's disease, but is able to be up and about for most things. **Jeannie** is his caregiver and they are still at home in Gardena ◆◆◆ **Jim** and **Judy Hughes** moved to Prescott, AZ in 2003 where they built their dream home with a 180 degree panoramic view. They moved back to California (Garden Grove) in 2014 to be closer to their two local sons and g'kids, to have access to health and blind services (Jim lost most of his sight in 2010), and to get away from the cold AZ winters ◆◆◆

An update: In 2014 The Mail Pouch carried the announcement of the engagement of **C. J. Lippincott** and **Joe Scaffidi**. The couple was married last year on their way back from Hawaii on the Ruby Princess by the Commodore of the ship in a small ceremony. And there is more news. C.J. (now Scaffidi) announced that she and Joe will be celebrating their first anniversary aboard a Gate 1 River Cruise from Amsterdam through Germany, Austria, and ending in Hungary in October of this year ◆◆◆ We last heard from **Harry Elmendorf** back in '09. He had just failed retirement in Texas and was back in the space business in D.C. Now he has retired again, but just from the space business. He is now a Professor of Aerospace Engineering



By Al Hausrath

at Texas A&M. He promises to attend the big ATD reunion on November 1 at the Palos Verdes Golf Club in California ◆◆◆ Having trouble keeping track of **Frank Dagonese**? Here's his trail. 1970s: TRW Point of Sales at Space Park. 1980s: He was a tenured prof at Compton College, in Compton, CA. 1982: Frank transferred to TRW/BMO QA Department in San Bernardino, CA. This was the most exciting part of his career, helping improve the reliability of the MX ICBM, and involved extensive travel. 1993: Frank retired from TRW and returned to teaching, this time at Temecula High School in that California city. 2016: Frank retired again, to serve as the caregiver for **Frances**, his ailing wife

◆◆◆ **Jerome Joseph** (Encino, CA) reports that time has rapidly flown since his OGO and Milstar days, but he still remembers his old gang, and would love to hear from them. When he isn't reminiscing about those old days, he and **Marcia** are heavily involved with the L.A. Opera educational program. He hobbles around with a cane due to a knee injury, but otherwise has not slowed down too much ◆◆◆ **Vanina (Nina) Angeloni-Ruiz** retired almost three years ago, but has not slowed down. She has volunteered at Torrance Memorial Hospital for 12 years, but retirement from NG allowed her to spend more time there. She has been their jewelry buyer for 12 years, and for the last two years has been the apparel buyer for their boutique. Nina also loves to travel, and then there are her eight g'kids and one g'g'son all of whom she loves to spoil ◆◆◆ Now here is good living. **Jan Mather-Ross** can be found at home in Maranan, AZ most of the time, but spends several months each year on the island of Kauai managing her business: JL Ross Business Solutions ◆◆◆

### Mail Pouch Items

Al tells me he is getting low on Mail Pouch items. Please let us know what you are up to by mailing your news to TRA using the information on Page 2, or e-mailing directly to the Mail Pouch at [mailpouch@tra-spacepark.org](mailto:mailpouch@tra-spacepark.org).