



AIR FORCE MATERIALS AND MANUFACTURING ALUMNI ASSOCIATION (AFMMAA) NEWSLETTER

TWENTY FIRST EDITION

FALL 2014

AFRL/RX DIRECTOR'S MESSAGE

Greetings Materials and Manufacturing Alumni,

I hope this letter finds you all well. Since my last letter, I have continued absorbing all of the technical work happening in the Materials and Manufacturing Directorate and reaching out to the end-users to ensure we are addressing their issues. As I mentioned in my last letter, my primary focus is RX personnel. We recently expanded our outreach to the Air Force Life Cycle Management Center (AFLCMC -formerly Aeronautical System Center). This year I signed a Memorandum of Agreement with the engineering director of AFLCMC, which facilitates the exchange of engineers between RX and AFLCMC. In addition, Dr. Miracle, Dr. Butkus, and I have a number of other workforce development initiatives currently underway. The AFRL Executive Director, Mr. Peters, is looking at how to better develop personnel in AFRL. Many of the Materials and Manufacturing Directorate's practices are being incorporated into AFRL guidance.



Thomas A. Lockhart

My next focus area is our responsiveness to our people concerning infrastructures, tools, and utilizing Integrated Computational Materials Science and Engineering environments. Air Force network policies have created a number of challenges with RX's ability to meet mission requirements. Over the past few years, we have developed independent connections with the Defense Research Engineering Network (DREN). The DREN connects military and university research sites, provides connectivity to Super Computer Centers, and offers a high-speed connection between various sites and the Internet. The independent network allows for rapid software approvals, fewer limitations on internet access, and better access to our lab's standalone networks, improving our overall ability to meet mission needs. Recently we have added a direct connection, via the DREN, that provides real-time control of a state-of-the-art scanning electron microscope at Ohio State University

from our labs here in Dayton.

Another area of focus is pushing innovation. The Air Force Chief of Staff identified game-changing technologies in his latest guidance, America's Air Force: A Call to the Future. We have direct involvement in every area discussed: hypersonics, directed energy, unmanned systems, and autonomous systems. We have also been tasked in defining and developing the final game-changer for nanotechnology.

My last focus area is affordability and sustainability. We lead AFRL in our relevancy to the Air Force, ensuring we sustain our capability to fly, fight, and win. I toured the Air Force Sustainment Centers, or depots, *(Continued on Page 2)*

AFMMAA PRESIDENT'S MESSAGE

The first thing I want to remind you of is the next semi-annual meeting of the AFMMAA. It will be on the **Friday morning, 16 January 2015, at the Hope Hotel**. We always meet the same morning of the Materials and Manufacturing Directorate's Annual Awards Luncheon. This allows many of the AFMMAA members to attend the Awards Luncheon after our meeting.

We had a very successful **June semi-annual meeting of the AFMMAA**. 38 members were in attendance. Each of the Board members provided an update for the members. Mr. Tom Lockhart, the AFRL/RX Director provided an update of the latest developments in the Materials and Manufacturing Directorate and the need to recapture the excitement around materials and manufacturing development and application. Dr. Dan Miracle accompanied Mr. Lockhart to the meeting and provided a snapshot of the directorates future activities to celebrate the hundredth anniversary and to work with AFMMAA in that regard.

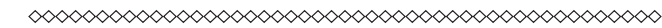
A lot of exciting things have happened for AFMMAA. We met with Dr. Dan Miracle, the RX Acting Chief Scientist and a new AFMMAA Lifetime Member, regarding the **2017 100th anniversary of the Air Force Materials and Manufacturing Directorate**. We briefed Dan on the RX/AFMMAA Heritage Initiative and gave him a copy of the document that described the leadership, technologies, AND people who have contributed so *(Continued on Page 2)*

(AFRL/RX Director's Message continued)

to continue building relationships with leadership. These relationships help the development of technologies aimed at lowering the cost of sustaining our fleet. In addition, we briefed the Air Force Chief of Staff on affordability and sustainment. We have been pushing hard in these areas. Last month, I took the engineering directors of AFMC, AFLCMC, Hill AFB, the deputy director of SAF/AQ, and various other leaders from AFSC and AFRL to GE Locomotive. GE has utilized integrated supply chain maintenance for the past five years and has capabilities we can leverage to address Air Force needs—all to improve affordability and sustainment.

What I have seen in my first 8 months is that RX is doing phenomenal work. The RX senior leaders and I have put together a new vision statement that emphasizes improving our capability in all areas: "World-Class Leadership in Materials and Manufacturing for Our Airmen." This new vision takes us to the next higher level; going beyond doing phenomenal work and making it world-class.

*Tom Lockhart, SES
Director, AFRL/RX
Lifetime Member of AFMMAA*



(AFMMAA President's Message continued)

greatly to the success of the Directorate. Dan indicated that he is interested in creating a book that would capture the 100 years of history, similar to the books that had been produced at other key celebrations of the Directorate's history. We provided him with a list of the key activities that should be considered as they move more actively in planning for the event(s). Dan also expressed interest in visiting the historical repository that have been maintained at the Universal Technology Corporation. We will be keeping you up on the latest developments with regard to planning activities for the 100th anniversary and ways that you may be able to contribute.

Matt Di Biase, the AFMMAA Vice President, **presented the AFMMAA group photo** to Colonel John Gloystein, the RX Deputy Director. The photo was taken at the 2013 June annual meeting of AFMMAA. Colonel Gloystein stated that the photo, and the accompanying personnel identification listing, would be mounted in the AFRL/RX Heritage Hallway between buildings 652 and 653.

Matt Di Biase and I manned the AFMMAA booth at the annual kickoff celebration for the **Combined**

Federal Campaign kick-off at the Nutter Center in October. The Air Force Life Cycle Management Center Commander, Lt Gen John Thompson and Ms. Patsy Reeves, the AFLCMC Executive Director were both kind enough to stop by our booth and discuss the AFMMAA. They were both interested in the role and size of the AFMMAA and that we are focused on scholarships for children of the Directorate's military and civilian members, well as providing support to the Directorate. We pointed out to them that the CFC contributions will continue to be utilized entirely for the scholarship awards and that they are augmented by the AFMMAA members' contributions and dues.

As I mentioned in the Fall 2013 Newsletter, Tom Cooper, who has always done an excellent job with the Newsletter has agreed to stay on, but he has requested that we find a person to replace him. It is with great pleasure to announce to you that **Dr. Jim Malas came to me and said that he would like to take a more active role in AFMMAA and that he would like to work with Tom on the Newsletter.** As you know the newsletters come out twice a year, fall and spring, and are a very important way to connect with each of you.

I want to personally congratulate all of our dues paying members and especially those who so generously provident additional funding for the **AFMMAA Student Scholarship Awards.** As you will read elsewhere in the Newsletter, you contributions are continuing to provide benefits to very deserving students. More importantly, you are contributing directly to the future of our nation, as these young people grow and mature and remember your contributions and what it meant to them. I was contacted by one parent who's son was extremely eager to find out if he was going to be able to receive one of the AFMMAA scholarships.

We are continuing to have very successful **AFMMAA member monthly luncheons.** I would continue to encourage each of you, if possible, to attend at some point. The number of members attending has steadily risen, with the largest group to date being 17. Mr. Lockhart, the RX Director and a Lifetime Member, even found time in his busy schedule to attend one of the luncheons.

We still have an opportunity for you to **purchase an RX coin.** They are reasonably priced at six dollars apiece and AFMMAA still has multiple coins for resale to you. Contact Neat Ontko at nontko@utcd Dayton.com to get your coins Don't miss this opportunity.

(Continued on Page 3)

(AFMMAA President's Message continued)

The AFMMAA will continue to provide support to RX and its employees as possible and to meet the goals that I mentioned earlier. **Please feel free to call me (937-287-1871) or write me** with any suggestions you might have.

Tobey Cordell
AFMMAA President

THE RX EMBLEM: SYMBOLIC OF OUR DIRECTORATE AND MISSION

The gold circle of arrows projecting outwards signifies the extension of knowledge beyond present boundaries. The three arrows represent materials research, application, and manufacturing technology. The inward pointing arrows portray the extensive efforts contributing to the circle of knowledge. The emblem bears the Air Force colors, gold and ultramarine blue. Against a background of blue, depicting the sky, the primary theatre of the Air Force operations, the central atom represents the building block of all materials.



LOSSES FROM THE RX (ML) FAMILY

We regret to inform you of the following losses from the RX Family that we have heard of since our last Newsletter.

- Donald L. "Don" Schmidt 12 August 2014
- Mr. Perry R. Caudill 1 September 2014
- Dr. Charles Theodore
 "Ted" Lynch Sr. 3 September 2014
- Wanda Lee Hoslins 26 September 2014

If you know of any others and would care to share this information, please contact us.

COMBINED FEDERAL CAMPAIGN



Matt Di Biase and Tobey Cordell manned the AFMMAA booth at the annual kickoff celebration for the Combined Federal Campaign kick-off at the Nutter Center in October.

CURRENT RX WORKFORCE

The current size of the RX government workforce includes the following as of 28 February 2014:

a) Civilian Employees		361
WPAFB	347	
Hill	6	
Tinker	6	
Robins	2	
b) Military		43
WPAFB	31	
Robins	7	
Hill	4	
Tinker	1	
c) Pathways (COOP) Interns		9
WPAFB	9	
d) Contractors		344
WPAFB	336	
Robins	7	
Hill	1	
	Total	757



AFMMAA JUNE SEMI-ANNUAL MEETING AT THE ENGINEERS CLUB

Mr. Tom Lockhart, the new AFRL/RX Director, addressed the AFMMAA members at the June semi-annual meeting. His latest message to the AFMMAA members is in this Newsletter,

RX CHIEF SCIENTIST REMARKS

Dr. Dan Miracle, the AFRL/RX Acting Chief Scientist, also addressed the attendees. Dan is focused on getting ready for the 100 year anniversary of the Materials and Manufacturing Directorate. He mentioned that the Directorate is the oldest laboratory in the DOD and that capturing history is a big deal. He suggested that perhaps the Directorate needs to consider ideas such as a time capsule, a “coffee table” book, or a 1967 – 2014 “yellow back” of last 50 years, along with capturing the “human interest” story. There is much information at UTC in History Room Library files. He said the Directorate will need AFMMAA help.



Mr. Tom Lockhart, AFRL/RX Director, Addressing AFMMAA Members at the June Semi-Annual Meeting



AFMMAA Attendees at the June Semi-Annual Meeting: Dr. Dan Miracle, Neil Ontko, Matt Di Biase, Tom Lockhart, Tobey Cordell, Dr. Charlie Browning, George Schmitt – Gary Waggoner, John Williamson, Jim Mattice, Dr. Hal Gegel, Dr. Sonny Pierce, Dr. Jack Henderson, Dick Engman – Warren Johnson, Dr. Merrill Minges, Jerry Petrak, Dr. Vince Russo, Bob Rapson, Dr. Larry Butkus – Col. Tim Sakulich (ret), Dr. Bob Cochoy, Kay March, Dr. Mickey McCabe – Tom Cooper, Joe Kolek, Al Gunderson, Clay Harmsworth – Jim Kampe, Dr. Terry Ronald, Don Tarazano, Lois Gschwender – Jim Folck, Dr. Doug Hutchens, Roland Watts, Dr. Ron Kerans, Ron Decker, Ed Snyder

MONTHLY ALUMNI LUNCHEONS

The Alumni monthly luncheon get-togethers continue to grow, with a record 18 people attending the August luncheon and 16 people attending the October luncheon. We are expecting a large turnout for the 19 November luncheon at the Osaka Steak House in Beavercreek. See pictures of a couple of the recent luncheons below. Are you in the pictures? Hope you will be in the next one.

John Williamson gets the prize for the patience and creativity to continue to schedule the luncheons at new destinations.

AFMMAA OCTOBER 2014 LUNCHEON HELD AT THE BEAVERCREEK COUNTRY CLUB



October AFMMAA Members luncheon at Beavercreek Country Club. Clockwise from the left front: Don Tarazano, Tobey Cordell, Dr. Bob Cochoy, Dick Engman, Dr. Jack Henderson, Matt Di Biase, John McKelvey (joined AFMMAA at the luncheon), Jerry Petrak, Clay Harmsworth, Tom Cooper, Dr. Terry Ronald, Jim Kampe, Ken Kojola, John Williamson, Don Shrader, Bob Rapson

ALUMNI GROUP PHOTO PRESENTED TO THE DIRECTORATE



Matt Di Biase, AFMMAA Vice President, presenting the AFMMAA group photo to Colonel John Gloystein, the AFRL/RX Deputy Director. Also assisting was George Schmitt, the AFRL/RX liaison to the AFMMAA.

NOTICE

In order to control our costs and optimize our service to RX and our members, we are considering only mailing Newsletters in the future to AFMMAA Members (Charter, Life and Annual). If you have not already done so, please take advantage of this opportunity to fill out the membership form (Page 7) and continue to enjoy our Spring and Fall Newsletters.

YOUR AFMMAA OFFICERS AND COMMITTEE CHAIRS



Tobey Cordell
President



Matt Di Biase
Exec. Vice President



Neal Ontko
Vice President,
Membership



Dennis Naughton
Treasurer



George Slenski
Secretary



Jim Malas
Newsletter Editor



Charles Browning
Scholarship

GEORGE SCHMITT AWARD

AFMMAA member George Schmitt received the SAMPE Mort Kushner Lifetime Achievement Award from the society at their international meeting in Orlando, FL.



AFMMAA member George Schmitt started duty for the Air Force in 1963 as a Second Lieutenant commissioned through the ROTC program at the University of Louisville. After his tour of duty, George converted to civil service and has been at the Materials and Manufacturing Directorate of AFRL ever since. He was presented his 50 years of Service to the United States Air Force by Major General Thomas Masiello, the Commander of the Air Force Research Laboratory.

AFMMAA SCHOLARSHIP FUNDING

The AFMMAA is very fortunate to have a solid membership and contributor base to support our Scholarship Program. The AFMMAA receives scholarship funding from member dues, Life memberships, RX contributors to the Combined Federal Campaign (CFC No. 85464), and friends of the AFMMAA. Since 2001, the AFMMAA has received funds and contributions of approximately \$42,500 from members and friends which enabled us to award 34 scholarships totaling \$35,500. **Five \$1000 scholarships were awarded in 2014 to Brock Turner (Stanford University), Martha Carter (Miami University), Sami Carlin, Emily Albrecht, and Karan Naik (all at The Ohio State University).**

Your dues and scholarship contributions are essential to support and grow our annual scholarships in the areas of science and engineering for the children and grandchildren of AFRL/RX employees. At our annual winter 2013 member's meeting we approved making the children and grandchildren of AFRL/RX employees eligible for the scholarship program.

2015 FELLOW OF THE OPTICAL SOCIETY OF AMERICA

Dr. Dean Evans, RXAP has been selected a 2015 Fellow of the Optical Society of America for his research in optics and photonics.

AFRL FINANCIAL MANAGEMENT AND COMPTROLLER OF THE YEAR

Just announced Ms. Pamela Powers, AFRL/RXF won the annual award as AFRL Financial Management and Comptroller of the year.

Congratulations Pam!



**AIR FORCE MATERIALS & MANUFACTURING
ALUMNI ASSOCIATION (AFMMAA)**

P.O. Box 341413, Dayton, Ohio 45434-1413

MEMBERSHIP APPLICATION AND SCHOLARSHIP DONOR FORM

Name: _____ Date: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone -- Home: _____ Work: _____

E-mail: _____ Is E-mail new? _____

Check here if we **CANNOT** release your information, i.e., address or e-mail.

Year departed/retired from RX: _____

RECENT INFORMATION ABOUT YOURSELF (for the website): _____

In what areas would you like to support AFMMAA? _____

You are invited to join (\$10/yr annual CY 2015 dues), become a Life Member (\$150) and/or make donations to the Alumni Association Scholarship Program.

\$ _____ **Alumni Association Scholarships** (open to students pursuing a degree generally related to the Air Force Science & Technology program, with emphasis on materials sciences, manufacturing technologies or associated management specialities (financial, logistics, administrative, etc).

\$ _____ **Chief Scientist Scholarship** (open to students pursuing an accredited degree in a field of science, math, engineering or technology)

\$ _____ **Annual Membership Dues** (for CY 2015, i.e., 1 Jan - 31 Dec '15) are \$10.

\$ _____ **Lifetime Membership is available for \$150 (one time fee)!**

\$ _____ *Total Amount Enclosed

***NOTE: Scholarship contributions and membership dues are tax deductible.**

Membership Category:

_____ **Annual (\$10.00/year)**

_____ **Lifetime (\$150.00 one time fee)**

Make check payable to AFMMAA and send form to:

AFMMAA, P.O. Box 341413, Beavercreek, OH 45434-1413

AFMMAA MEMBERS LIVE IN 24 STATES ACROSS THE COUNTRY



Pop Quiz: If you know of a RX (ML) alum that we should contact, email Neal Ontko at nontko@utccdayton.com.



**RECENT MEMBER INFORMATION
AS OF 22 OCTOBER 2014**

During the year many of our members have provided comments for the AFMMAA Newsletter and website regarding their current activities and interests. Here are their recent comments we received since the last Newsletter.

Dr. Larry Bidwell, lrbidwell@earthlink.new, departed RX in 1993, member since 2001, worked in the Metals and System Support Divisions. Worked for UTC providing technical support to ASD/EN.

Jerome “Jerry” Kelble, jkelble@msn.com, departed RX in 1986, Engineering Division Manager for UTC, currently at Evergreen Retirement Home, Cincinnati.

John McKelvey, jkmckelvey@att.net, departed RX in 1995, now Independent Business Development Representative. Formerly McDonnell Douglas representative 1989-95. Graduated from Wright State in 1984, B.S. Engineering.

John Tanzola, johntanzola@sbcglobal.net, departed in 1979, moved to Georgia to be near granddaughters and family.

We would like to hear from you! If you wish to share your recent activities or interest with others on the AFMMAA website www.afmmaa.org, please send an email to Neal Ontko at nontko@utcd Dayton.com or Dick Engman at dkengman@msn.com.

DO YOU REMEMBER?

Shown below are the photographs of four RX (then ML) engineers, scientists, and employees taken in the 60's. How many do you recognize and remember?

For the answers, see page 12.



A



B



C



D

AFMMAA SCHOLARSHIP DONORS

Since 2001, members of the Air Force Research Laboratory Materials and Manufacturing Directorate, AFRL/RX alumni, and friends of the Air Force Materials and Manufacturing Alumni Association have contributed over **\$21,000** for college scholarship to the children of civilian and military employees. Additionally, many RX individuals have contributed over **\$16,000** to the AFMMAA through the CFC and United Way Programs. We thank all for their generous giving which is very essential to make our scholarship program so successful. New 2014 donor changes/increases are shown in **bold**.

Platinum Donors (\$1000 and over)

- | | |
|--------------------|------------------------|
| Dr. Wade Adams | Paul Propp |
| Dr. Alan Lovelace | John Williamson |
| Mrs. Julia Millham | |

Gold Donors (\$500 to \$999)

- | | |
|-------------------|-----------------------|
| Tom Cooper | Dr. Thomas D. Fiorino |
| Robert L. Denison | Gary Waggoner |

Silver Donors (\$200 to \$499)

- | | |
|---------------------------|-----------------------|
| AFRL/MLO | Kenneth Kojola |
| AFRL/ML Exec. Group | Dr. G. Edward Kuhl |
| Dr. Larry Butkus | Drs. Ruth & Meir |
| Dr. and Mrs. Ronald Eby | Pachter |
| Gordon H. Griffith | Dr. George St. Pierre |
| Dr. Douglas Hutchens | John Rhodehamel |
| Warren Johnson | Don Tarazano |

Bronze Donors (\$100 to \$199)

- | | |
|--------------------------------|-------------------------------|
| AFRL/MLB | Bobby McConnell |
| AFRL/MLLMN | Charlotte McConnell |
| Dr. Larry Bidwell | Zoe Dell Nutter |
| Dr. Lyn Brown | Paul Sampson |
| Maj. Gen. (Ret.) Terry L. Dake | Robert T. Schwartz |
| Dick Engman | Dr. Kathy Stevens |
| Ken Elbaum | Dr. Edwin L. Thomas |
| Dr. Barry & Sharon Farmer | Hardy Trolander |
| Jacques Hemes | Dr. Andrey A. Voevodin |
| Jim Huffman | Dennis E. Wisnosky |
| Dr. Ronald J. Kerans | Bill Woody |
| Lou Luedtke | |
| Rich Lusignea | |

MICKEY McCABE RETIRES

AFMMAA member Dr. Mickey McCabe has accepted a new job as the Executive Director at the University of Texas-Arlington Research Institute in Fort Worth. UTARI's current work is focused on advanced robotics, medical technologies and product engineering, including micro- and nano-manufacturing. Mickey had been the Vice President for Research at the University of Dayton and Executive Director of the University of Dayton Research Institute since 2005 and has been with the Research Institute for 19 years, previously serving as Director of UDRI. Under his leadership, the University of Dayton and its Research Institute have become a regional leader in technology-based economic development and a national leader in materials research.



Dr. Mickey McCabe

Mickey has managed various research organizations for more than 25 years and before he came to UD, his experience included directing the development and application of advanced composite materials for all jet engine composite components at GE Aircraft Engines. He was responsible for the material selection, process development and the production of certification composite fan blades for the GE 90 engine. Prior to that, he managed various technology operations for Armco, Inc. that supported their aerospace advanced materials business.

In 2002 he was named a Fellow in the Society for the Advancement of Materials and Process Engineering (SAMPE). He was Chair of the Board of Governors for the University Clean Energy Alliance of Ohio from 2008-2010 and currently a member of that Board. He is also a member of the Board of Trustees for the National Composites Center (Kettering, OH), the Board of Governors of the Ohio Aerospace institute and the Board of Directors for CityWide Corporation (Dayton, OH).

NEW AFRL SENIOR LEADER ANNOUNCEMENTS

Team,

Please join me in congratulating Dr. Morley Stone and Dr. Pat Carrick on their new positions with AFRL just announced. Dr. Stone will be AFRL's new Chief Technology Officer. His current position is the 711th HPW Chief Scientist; however, he is currently serving as the "Acting" AFRL Chief Technology Officer. He will formally take over those duties on 10 August 2014. Dr. Carrick's new role is RY Chief Scientist. He is currently the Director of the Basic Science Program Office at AFOSR and will officially take over the RY Chief Scientist reins on 5 Oct 2014.

Dr. Stone and Dr. Carrick performed great work for AFRL, and AFRL is very well served in their new roles going forward.

Best,

*Thomas J. Masiello, Maj Gen, USAF Commander,
Air Force Research Laboratory*



Fall 2014

AFMMAA CHARTER AND LIFE MEMBERS

We currently have **73 Life Members** and hopefully that number will continue to grow each year. Eight (**shown below in Bold**) became “Lifers” in 2014. If you are not a “Lifer” we encourage you to sign up now. **Dr. Larry Bidwell, Thomas A. Lockhart, Dr. Dan Miracle and Angie Tymofichuk** recently became the newest “Lifers”. If you are currently a Life Member we encourage you contact fellow alums who aren’t and encourage them to “upgrade.” If you wish to become a Life Member, pay yearly dues or contribute to the scholarship fund please use the membership and scholarship donors form in the Newsletter or on the afmmaa.org website. Your memberships and scholarship contributions are very necessary for our mission and to grow our annual scholarships. A list of the Charter and Life Members is shown below.

AFMMAA Charter and Lifetime Members - 10 November 2014		
Charter Members		
Wade Adams	Craig Hartley	Bob Rice*
Bernard Chasman	Bill Kessler	Lynn Trainor
Tom Cooper	Jim Mattice	Ben Wilcox
Gary Denman	James Myers	John Williamson
Lifetime Members		
Mark Anderson	John Henderson	Timothy J. Sakulich
Tia Benson-Tolle	Rob Hull	Paul Sampson
Larry Bidwell	Henry Johnson	Robert Schafrik
Phil Bouchard*	Warren Johnson	Stan Schulman
Charles E. Browning	David Judson	George Schmitt
Lawrence Butkus	Bob Kinceses	Don Shrader
John Christian	John Koenig	Jerry Sieron*
Bob Cochoy	Edward Kuhl	George Slenski
Dennis Corbly	William V. Lampert	James Snide
Tobey Cordell	Cole Litton*	John Speers
Ron Decker	Thomas A. Lockhart	George St. Pierre
Mathew DiBiase	Jim Malas	Katherine A. Stevens
Ken Elbaum	Kay March	Donald Tarazano
Dick Engman	Michael McCabe	Scott Theibert
Kathleen Falensky	Bobby McConnell	Jon Tirpak
Frank Feчек	Dan Miracle	Angie L. Tymofichuk
Larry Fehrenbacher	James L. Mullineaux	Gary Waggoner
Thomas Fiorino	Dennis Naughton	Roland Watts
David W. Fischer	Neal R. Ontko	Dennis Wisnosky
Donald M. Forney	Nicholas Pagano	Bill Woody
Harold Gegel	Larry Parsons	Carol Yarnall
John W. Gloystein	Cyril (Sonny) M. Pierce	
Henry C. Graham	Bob Rapson	
Alten (Skip) Grandt	John Rhodehamel	
Lois J. Gschwender	Terry M. Ronald	
James A. Hall	Vince Russo	*Deceased

MEMBERSHIP STATUS

We continue to reach out many in RX who nearing retirement and also RX industry friends in the Dayton community. This year we have been fortunate to have 8 new members join and 7 members became “Lifers.” The new Members are: **Lyn Brown, Dr. Robert Crane, Robert Drerup, Jr., Jim Kampe, Mike Lander, John McKelvey, Mike Soboroff and Charles Valley.** New Life Members are: **Dr. Larry Bidwell, Dr. Robert Cochoy, Col John W. Gloystein, Thomas A. Lockhart, Dr. Jim Malas, Dr. Dan Miracle, and Dr Nicholas Pagano.**

Our current membership now consists of approximately 160 alumni. This includes 12 Charter members, 72 Life members and 79 members who pay yearly dues. Another 100 alumni currently receive the biannual Newsletters, but have not joined or recently paid dues.

If you have not paid your 2014 dues or want to become a member please use the Membership Application and Scholarship Donor Form in the Newsletter. Also, please give some serious thought to becoming a Life member. Your membership dues, Life Memberships and scholarship contributions are tax deductible. All are very essential

for us to continue a successful program. Please contact me, Neal Ontko, at nrontko@yahoo.com if you have any recommendations on how we can better reach out to our alumni base.

Neal Ontko, Vice President, Membership

ARE YOU A CURRENT AFMMAA MEMBER?

The annual dues are \$10.00, or a Lifetime Membership is available for \$150.00. If your dues lapse for one year, your membership will become inactive. Our records indicate there are still a number of members who have not paid their 2014 membership dues. We don’t want to lose a valuable resource to the Association – YOU!

Please give serious consideration to joining us. Enclosed is a form that can be returned to become an active member.

AFMMAA
P.O. Box 341413
Bevercreek, OH 45434-1413



PHOTO IDENTIFICATION

Answers for Page 9

A) John B. Christian, Research Materials Engineer;
B) William E. Gibbs, Chief, Polymer Branch; C) Isaac
Perlmutter, Chief, Physical Metallurgy Branch; and
D) William G. Ramke, Chief, Ceramics and Graphite
Branch.

**NEW AFRL TECHNICAL
DIRECTORATES OSCs**

<u>Former</u>	<u>New</u>	<u>Directorate</u>
RB	RQ	- Aerospace Systems (Combined with RZ)
RZ	RQ	- Aerospace Systems (Combined with RB)
RD	RD	- Directed Energy
RH	711HPW/RH	- Human Effectiveness
RI	RI	- Information
AFOSR	RS	- Air Force Office of Scientific Research (Still goes by AFOSR)
RV	RV	- Space Vehicles
RW	RW	- Munitions
RX	RX	- Materials and Manufacturing
RY	RY	- Sensors
RO	RO	- Chief of Staff (This one is never used.)

Change effective as of October 2012.