



AIR FORCE MATERIALS AND MANUFACTURING ALUMNI ASSOCIATION (AFMMAA) NEWSLETTER

TENTH EDITION

SPRING 2009

NEW RX DIRECTOR

AFMMAA welcomes long standing member, Dr. Katherine A. Stevens, SES, as the New Director, AFRL Materials and Manufacturing Directorate, effective 2/15/09.



**Dr. Katherine A.
Stevens**

Previously, she was Director of the Aerospace Science Research Division in the Air Warfare & Weapons Department of the Office of Naval Research in Arlington, Virginia where she served as the senior focal point within the Office of Naval Research for all science & technology issues related to naval aviation.

Dr. Stevens was promoted to the Senior Executive Service in October 2006 and brings 30

years of prior experience with the Air Force and the Navy. Most of this experience was in the AFRL, focused on developing, transitioning, and problem solving science and technology for current and future Department of Defense air and space craft.

Dr. Stevens first joined AFRL (then the Air Force Materials Laboratory) as a co-op student, performing in-house research on high-temperature materials for gas turbine engines. This was followed by subsequent positions as a researcher, S&T program manager and Manufacturing Technology program manager for projects developing technology for the XF119 and XF120 engines, which were in competition to power the F-22, and a collocated engineer to the Air Force's Engine Development Systems Office in the Aeronautical Systems Center. In March 1998, Dr. Stevens became Chief of the Metals Branch in AFRL/RXL. There, she directed the Air Force's \$30M/yr S&T program in structural metals, executed by 105 people through in-house research and the oversight of external contracts. In July 2002, Dr. Stevens was selected to be the Chief of the Survivability & Sensor Materials Division. There she led a 190-person, \$50M/yr division conducting research, development, and technology transition of materials for electro-optical and infrared sensors, infrared countermeasures, advanced lasers, high-power radio

frequency and directed energy devices, as well as protection of optical and E-O sensors. She also served as a member of the directorate's leadership team, providing critical leadership support to the Director in planning and directing the directorate's \$400M/yr, 1200-person government/on-site contractor R&D program. In July 2006, Dr. Stevens became the Director of the Plans and Programs Directorate at the Air Force Flight Center, Edwards Air Force Base, California. She led the organization advising the AFFTC Commander for all Center requirements planning; strategic planning, programming, and budgeting; business reengineering; intelligence; Center policies; and legislative matters.

(Continued on Page 2)

PRESIDENT'S CORNER

It's hard to believe four years have almost passed as we prepare to hand over the reins of AFMMAA leadership to a newly elected team at our planned June 4, 2009 meeting at the Engineers Club of Dayton. Towards that end, John Williamson has been doing a great job as Chairman of the Nominating Committee who will place before us a slate of new officer candidates for election. Thank you, John, for not hesitating to step up to this important role, in spite of your extensive world travels and the challenges of staffing the committee and persuading good candidates to serve.

As your current officers move on, I think it's appropriate to step back and review the "state of the association". A few months before taking office as president in June 2005, I vividly recall a lunch meeting at the Engineers Club when the Executive Board was assessing our declining financial situation and considering what to do about it. I was there as the Scholarship Review Committee Chairman. The assessment was that funding projected (from annual dues, other contributions) for our main activity, scholarships, was such that we could likely only continue one more year. There was very serious consideration of liquidating the association through scholarships and disbanding, in spite of best efforts to increase membership and contributions. No one wanted

(Continued on Page 2)

(New RX Director Continued)

Dr. Stevens earned a bachelor's degree in materials science & engineering from Wright State University in Dayton, Ohio, as well as a master's degree in metallurgical engineering and a doctorate degree in materials science & engineering from the Ohio State University. She earned a master's degree in business management from Stanford University as a Sloan Fellow at the Graduate School of Business. She is a graduate of the Air War College. She is a level 3 certified Acquisition Professional.

Dr. Stevens' honors and awards include the Distinguished Alumnus Award from The Ohio State University's College of Engineering, the Air Force Research Laboratory's Reserve Supervisor of the Year Award, and the Vincent J. Russo Award for Leadership Excellence from the Air Force Research Laboratory's Materials & Manufacturing Directorate.

She is a member of the Minerals, Metals & Materials Society, the International Society for Optical Engineering, the Institute of Electrical and Electronic Engineers, the Directed Energy Professional Society, the Society of Women Engineers and the AFMMAA.

(President's Corner Continued)

to do that, but there seemed no recourse, until the idea of the use of our IRS 501(c)(3) not-for-profit tax status, history preservation and education objectives to possibly leverage Combined Federal Campaign eligibility. At first it seemed like a long shot, terribly complicated, paperwork intense, etc. But who better to attack what appeared to be a bureaucratic nightmare than a bunch of former bureaucrats? Could it really be worse than the POM, descriptive summaries, PE write ups, roadmaps under George Peterson's directorship, or Bernie Chasman's 5-year plans of our time? So, Warren Johnson, with the help of others, took on the task and made our first submission. We re-learned the meaning of "devil-in-the-detail" and used that experience for our second, and successful, bid for CFC status. The result has been the slow, but steady progress yielding sufficient additional contributions to support 1-2 additional scholarships per year. The real thanks here go to the small, but increasing number of current RX employees who are giving to augment association member contributions, which will directly benefit their children.

CFC notwithstanding, it took much more to move the association to both financial and mission realization. As VP, Warren Johnson not only led the CFC drive (with

the annual do-it-all-again), but did a yeoman job to keep me and others focused on the important things. Revenue had to be augmented with increased membership, dynamic record keeping (minutes, e-mail and address lists, etc.) and ability to communicate with new and old members. In these areas, the unique contributions of Tobey Cordell as Membership Chair, Dick Engman as Secretary (with a myriad of related duties), Bob Denison as Treasurer and Web Master, and Tom Cooper as Newsletter Editor (now bugging me to finish this article) have just been incredible. And, who can forget the steady, purposeful execution of our scholarship program (our most important product, in my opinion) provided by Bob Cochoy. I was blessed by having this team available to me and to the association. Notably, even though each had a unique position, on almost all tasks we all worked together as a team as we did when we were still feds. Thanks, guys, one and all.

So, I believe the state of the association is strong and improving, and I am proud to have been a part of it for the last eight years, four as your president. AFMMAA through new leadership will need to continue to grow resources and members to stay on course, but the direction is set and the potential great. I, and I know the other members of the old team, plan to stay involved and support the new team and RX across the board. I sense we all believe we would just miss too much if we didn't stay involved with great old friends, new challenges and the current personnel of what is still the best Laboratory in the federal government, AFRL/RX (a.k.a. the Air Force Materials and Manufacturing Technology Laboratory).

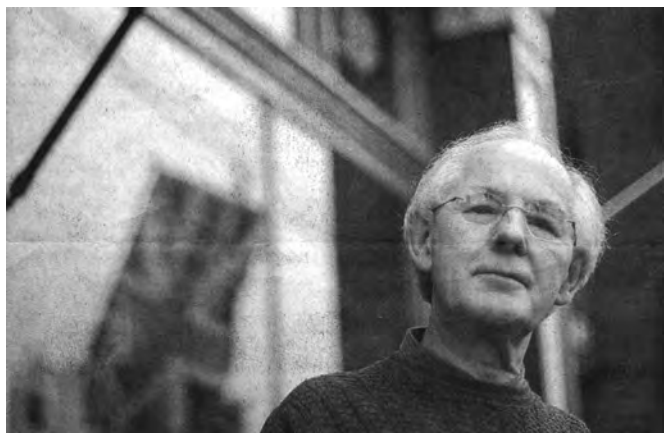
SCHOLARSHIP PROGRAM UPDATE

The call for applications for the 2009 AFMMAA Scholarships is now out on the AFMMAA website and also on the AFRL/RX Intranet. The deadline for receipt of applications is 15 May 2009. This year we anticipate the award of a minimum of two \$1000 scholarships to highly qualified students planning to enter their first or second year of college. The students must be children of a current AFRL/RX government (civilian or military) employee.

The results of the 2008 scholarship awards were reported in the fall 2008 AFMMAA Newsletter. To recap those results, we received 9 applications last year of which we were able to fund three 2008 scholarships of \$1,000 each. The three students were Andrew Rosenberger, Travis Busbee, and Hannah Sanders. Recognition was given to those awardees at an August 2008 AFRL/RX Director's Call with the awardees and their parents present. They were again recognized at the RX Awards Luncheon held at the Hope Hotel in January 2009.

BASICALLY BRITISH - AND THEN SOME

Former Materials Laboratory engineer Dr. Terry Ronald has been leading a very active life since his retirement in 1999. After working part-time for Universal Technology Corporation for a few years, he opened his own business in downtown Dayton, named Basically British. Terry came from his native England in 1964 and joined the Materials Laboratory as a young engineer. He had a very enjoyable thirty-five year career in the Laboratory



Dr. Terry Ronald at “Basically British” in Downtown Dayton.

and got very deeply involved, not only in his technical profession, but also in helping put on stage shows with local theatre groups in the area. He then decided to open his own shop selling imported teas, sweets, foods and gifts from England. His shop is located at 502 E. Third Street in downtown Dayton. In spite of having to deal with the problems associated with the varying exchange rate of the U.S. dollar and the high cost of shipping products here, his business, which is operated by him and his partner Vicki Morris, has been doing very well. He will soon be expanding it to include a sit-down tea shop.

And now, a new development has occurred. He was approached by Michael Daemon, a producer of Foxalpha films, who felt that Terry’s shop seemed to have been transported directly from the streets of Britain and would be an excellent filming location for portions of an independent feature being shot in Dayton and Cincinnati. Not only that, when he learned of Terry’s years of theatre experience, both here and back home in England (he once worked with a band that became The Beatles), he decided to give him a role in the film. It now seems to be turning into a TV series that will appear on one of the major networks and Terry’s role has increased. It is a multi-million dollar production named J8ded and is being filmed

at locations throughout northern Kentucky, Cincinnati and Dayton, including Terry’s beautiful Victorian-style home on Linden Avenue as well as his Basically British shop. The premise is music-based, with characters that flee London for the Midwest in the hopes of starting over. It is anticipated that the series will appear on one of the major networks this summer. Be sure to watch it!

**COMBINED FEDERAL CAMPAIGN
“GOOD NEWS”**

We have been advised that our 2009 application for the Miami Valley Combined Federal Campaign (CFC) of Champaign, Clark, Clinton, Darke, Fayette, Greene, Miami, Montgomery, Preble, Shelby, and Warren Counties, Ohio has been approved. This is the fourth consecutive year that we have been approved to participate, meaning that the AFMMAA will be listed in the CFC Contributor’s Information Guide and we will be eligible to receive contributions for use in our Scholarship Program. As a result, the current “Materials Lab” employees will have the option and opportunity to designate the AFMMAA as a recipient for all or a portion of their contributions for 2009. Hopefully, the number and amount of contributions from the Lab employees will continue to increase so that we can award larger value scholarships to the sons and daughters of the AFRL/RX government workforce. The 2009 Campaign will begin on 7 October and end 13 November 2009.

DO YOU REMEMBER?

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

For the answers, see page 8.



A



B



C



D



E



F

HONORS AND AWARDS

A number of RX employees have been presented with significant honors and awards since those reported in the last Newsletter. Among them are the following:

- Dr. Tia Benson Tolle, RXB – Selected as a SAMPE Fellow – to be recognized at the Spring SAMPE Symposium and Exhibition in Baltimore, MD on 18 May 2009.
- Dr. Frances Abrams, RXM – Selected as one of the Outstanding Engineers and Scientists of the greater Dayton area by the Affiliate Societies Council. She was honored at the dinner at the University of Dayton Kennedy Union on 2 April 2009.
- AFRL Awards Ceremony RX Recipients:
 - MSgt. Robert Wyatt, RXQD – Senior NCO of the Year
 - Ms Kristen Kearns, RXBN – Supervisory Award (Individual)
 - Angel Fire Team, including Capt. Minh Nguyen, RXSST
 - Commanders Cup (Junior Individual) – Dr. Darnell Diggs, RXPSS
- 2009 Science, Engineering and Technical Management Awards, AFMC/EN
 - John C. Brausch, RXSA, Senior Civilian Engineer
 - Capt. Mark Heath, RXPJ, Junior Military Scientist
- Cory Q. Bliss, RXSSO – Emerging Technology Award, presented by RadTech, May 2008
- Dr. Jeffrey S. Zabinski, RXB – Selected as a 2009 Fellow of the Society of Tribologists and Lubrication Engineers.
- Dr. James G. Grote, RXO – received a Technology Achievement Award in March 2009 from SPIE for his outstanding contribution in Photonics Engineering Technology.
- RX Annual Awards – Presented at the 56th Materials and Manufacturing Directorate Awards Luncheon, January 2009
 - Charles J. Cleary Scientific Award – Jeremy Knopp, RXLP
 - Robert T. Schwartz Engineering Achievement Award – John Brausch, RXSA
 - Engineering Expertise Award – The RXSA Minuteman III Team – Joe Kuzniar, Cory Boltz, Eddie White, Mike Manders, Steve Gerken, Dave

Johnson, Tim Swigart and six on-site contractors.

- International Award – Dr. Dean Evans, RXPJ
- R. Lee Kennard S&T Manufacturing Heritage Award – Kenneth Johnson, RXMP
- Program Management Award – Jeffrey Smith, RXME
- Supervisory Excellence Award – Kristen Kearns, RXBN
- Vincent J. Russo Award for Leadership Excellence – Dr. Rajesh Naik, RXBN
- Mission Support Award – Phyllis Anderson, RXF
- Advanced Mission Support Award – Bennie Burdett, RXQO
- Director’s Team Award – The RXSA F-15 Longeron Evaluation Team – Dr. Jeff Calcaterra, John Brausch, Dr. Larry Butkus, Amanda Gentry, Timothy Swigart, Ken LaCivita, Larry Perkins, Capt. Eric Dittman and four on-site contractors.
- Director’s Junior Workforce Award – Dr. Darnell Diggs, RXPSS
- Director’s Individual Award – Dr. Glenn Johnson, RXQL
- Director’s Military Award – Capt. Mark Allard, RXBN
- Dr. Eric W. Brooman, RXSC – Received the 2008 Scientific Achievement Award from the National Association for Surface Finishing and presented the 2009 William Blum Lecture at SUR/FIN 2009 in Louisville, KY.

NEW AFRL TECHNICAL DIRECTORATES OSCs

<u>Former</u>	<u>New</u>	<u>Directorate</u>
VA	RB	- Air Vehicles
DE	RD	- Directed Energy
HE	RH	- Human Effectiveness
IF	RI	- Information
VS	RV	- Space Vehicles
MN	RW	- Munitions
ML	RX	- Materials and Manufacturing
SN	RY	- Sensors
PR	RZ	- Propulsion
RO	RO	- Chief of Staff

Change effective as of October 1, 2007.

AFMMAA HOLDS MEMBERSHIP MEETING

The AFMMAA held a Membership Meeting on January 16th at the Hope Hotel beginning with a Social Hour at 0930 and the meeting beginning at 1000. Twenty members were in attendance. The meeting immediately preceded the "Materials Lab" Awards Luncheon. Reports were given by the President (J. Mattice), Vice-President (W. Johnson), Secretary (D. Engman), Treasurer (B. Denison), Membership Chair (T. Cordell), Scholarship Chair (B. Cochoy), Newsletter Chair (T. Cooper), Nominating Committee Chair (J. Williamson), and RX Liaison (G. Schmitt). It was reported that the current membership is 122, including 12 Charter Members and 34 Life Members (up from 18 in 2007). Since 2006, 20 of our members have contributed a total of \$1,770 to our Scholarship Program. In addition, over the past two years, we have received almost \$2000 from current Lab members through our participation in the Combined Federal Campaign (CFC). All of these contributions go to scholarships for the sons and daughters of the Lab employees. Finally, it was reported that as of 31 December 2008, the AFMMAA had a balance of \$3,822. It is estimated that a minimum of two \$1000 scholarships will be awarded again this year. Full Meeting Minutes, including Board Reports and New Business have been distributed by Dick Engman for review by all of the membership. Since the term for the current Board will expire in June, the Nominating Committee will be soliciting nominations and contacting members to determine their interest and willingness to serve for the next two years. It is planned to hold the next meeting on June 4, 2009 at the Engineers Club of Dayton to include election of the new Board. Attached is a photograph of nineteen of the twenty members in attendance at the January 09 meeting.



**F: W. Johnson, B. Cochoy, V. Russo, D. Engman, T. Cooper, H. Johnson, and C. Litton.
B: B. Lehn, B. Rapson, W. Griffith, T. Cordell, J. Mattice, D. Shrader, J. Williamson,
G. Schmitt, B. Denison, F. Harsacky, D. Judson, and A. Gunderson.**

RECENT INFORMATION ABOUT AFMMAA MEMBERS

During the year, many of our members have provided comments for the AFMMAA website regarding their current activities and interests. Here are a few selected comments from the many we received since October 31, 2008.

Dr. Dale Chimenti, Ames, IA, Chimenti@lastate.edu, Still teaching full time in Aerospace Engineering at Iowa State University. Won Eminent Faculty Research Award for 2007. I use my AFML experience all the time in teaching.

Frank Fechek, Beavercreek, OH, frankfechek@aol.com, Still alive and kicking and operating Frank's Fruit Farm.

Walt Griffith, Dayton, OH, Griffith@woh.rr.com, Working as an independent contractor.

Allan Gunderson, Xenia, OH, awgbrg@att.net, Doing some flying, some traveling (Europe, Alaska), some working with UTC, then UDRI part-time. Life is Good!

Walter Haas, Estero, FL, haastw@comcast.net, Not working but still playing tennis. Has a little coronary artery problem but fixed with a stent. Not much in science & technology around here, nor much Air Force presence. I miss the blue uniforms! And...I miss the great work at ML and the great people.

Craig S. Hartley, Sedona AZ, Retired from a career in academe (Dean of Engineering, Florida Atlantic University) to become Program Mgr for Metallic Materials, AFOSR/NA on 6/2000. Retired from AFOSR 3/2005 to Sedona, AZ where I maintain a consulting activity in research and education in materials science and engineering.

Dennis Naughton, Centerville, OH, Dennis.Naughton@wpafb.af.mil, Recently retired and returned to work as a contractor with PE Systems closing contracts for the F-16 Group.

John R. Rhodehamel, Xenia, OH, rwglr@aol.com, I volunteer at the Dayton Society of National History, Greene County Parks, and Beavercreek Historical Society.

Dr. Terry M. Ronald, Dayton, OH, ronaldtm@earthlink.net, see article in this newsletter.

Robert Ruh, Kettering, OH, Worked in ML Ceramics Group, Metals and Ceramics Division from 1967-86, AFRL Signature Technology Office from 1986-93. Retired from civil service in 1993 and served as a consultant for

(Continued on Page 6)

(Recent Information About AFMMAA Members Cont'd)
the Signature Technology Office from 1993-2006.

John M. Speers, Kettering, OH, taffy45431@ameritech.net Traveled south in winter to Florida & Hilton Head in Jan-Mar 08. Support Centerville Optimist Club in various fund raisers. Enjoying kids and grandkids. Trying to “beat” the stock market!!!!

Katherine A. Stevens, Dayton, OH, katherine.stevens@wpafb.af.mil. Thrilled to be back in RX!

L. Scott Theibert, Dayton, OH, stheibert@verizon.net, Still doing consultant work, but only with private companies – no more government. Margie and I have taken up skin diving and love spoiling our 2 grandchildren.

If you wish to share your recent activities or interest with others on the AFMMAA website, please send an email to Tom Cooper at tcooper@utcdayton.com, or Dick Engman at dkengman@msn.com.

THE WRIGHT FLYER MONUMENT

The Wright Image Group (WIG) is working to build a monument to honor the Wright brothers and to identify Dayton as “the Birthplace of Aviation.” WIG, founded by Walter Hoy, is a volunteer organization comprised of Dayton engineers, marketers, architects, developers and accountants. The monument is to be



The Wright Flyer Monument, I70/I75 Interchange.

located at the southwest corner of the intersection of I-70/I-75 on land already donated for this purpose. It will be a replica of the 1905 Wright Flyer, with a wing span of 120 feet, mounted a pedestal 220 feet in the air. It will be visible for two miles in all directions. The Wright Flyer was chosen as it is instantly recognizable throughout the world as the first successful airplane. A visitor center at the base of the monument will direct tourists to the various historic sites located in the Dayton area. Information on the high tech industries and research facilities in the



The Wright Flyer Monument.

area, such as the National Composite Center, will also be available. The Wright Flyer Monument will be a prominent and most viable tribute to the two brothers from Dayton who forever changed the world. A photo of the I-70/I-75 intersection showing the planned monument is attached. Dr. Bob Ruh, AFMMAA member, is on the WIG organizing committee and is playing a major role in establishing this monument and assisting in raising funds to help pay for it.

IT'S GOOSE SEASON!

As many of you know, AFRL/RX has been experiencing a profound “goose problem” over the last few years! Canada geese have been settling around the entrance to Building 653 and have caused problems by attacking people attempting to enter or leave the front of the AFRL/RX buildings. They build nests, lay their eggs and are very protective of their new families, including attacking people entering or leaving the building if they feel that you are endangering them. However, RX is not only expected to tolerate, coexist or even work around any goose exhibiting aggressive behavior, but risk legal action (from employees and visitors) if any action is taken against the geese! Once they nest and lay eggs, the nest and eggs are protected by law in the State of Ohio. The Directorate is doing what it can to discourage them from nesting on the premises. Some cardboard coyotes have even been installed in the grass to hopefully scare them away. The very aggressive geese can be destroyed, but that must be done by a hired state licensed contractor. For self defense, avoidance is the recommended strategy. You can carry an open umbrella and hold it between you and the attacker, if necessary. So until this problem is resolved, be very cautious and careful when entering or leaving the building!

YOUR AFMMAA OFFICERS AND COMMITTEE CHAIRS



Jim Mattice
President



Warren Johnson
Exec. Vice President



Bob Denison
Treasurer



Dick Engman
Secretary



Tobey Cordell
Membership



Tom Cooper
Newsletter Editor



Bob Cochoy
Scholarship
Committee Chair

**AFMMAA CONTRIBUTORS
AND MEMBERSHIP**

The AFMMAA is very fortunate to have a solid membership and contributor base to support our Scholarship giving and yearly operating cost. AFMMAA has total membership of 122 members that includes 12 Charter members, 35 Lifetime Members, and up to 75 yearly renewing members. We encourage you to become a Lifetime Member or pay your annual dues for the current year of Oct '08 – Sep '09. Your scholarship contributions and membership dues are essential to support and grow our annual scholarships in the areas of science and engineering to children of AFRL/RX employees. A list of Scholarship Contributors, Charter Members, and Lifetime Members is shown to the right.

Mark Your Calendar!

June 4, 2009

AFMMAA Annual Meeting

Social-Lunch-Elections
Engineers Club of Dayton
Details to Follow Soon

AFMMAA Contributors and Membership - 21 Apr 09

Scholarship Contributors

Wade Adams	Frank Harsacky*	Paul Propp*
Bernard Chasman	J. Read Holland	John Rhodehamel*
Tom Cooper*	Douglas Hutchens	Robert T. Schwartz
Robert L. Denison*	G. Edward Kuhl	John M. Speers
Dick Engman	Kenneth Kojola*	Katherine A. Stevens*
David W. Fischer*	Bobby McConnell	Gary Waggoner
Gordon Griffith*	Charlotte McConnell	John Williamson*
James Hall	Jerry Petrak	* Multiple Contributions

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	Dave Judson	George Schmitt
Phil Bouchard	Bob Kincses	Don Shrader
Dennis Corbly	John Koenig	Jerry Sieron
Ken Elbaum	Edward Kuhl	George Slenski
Dick Engman	Cole Litton	James Snide
Larry Fehrenbacher	Michael McCabe	Katherine A. Stevens
Harold Gegel	Dennis Naughton	Donald Tarazano
Henry C. Graham	Larry Parsons	Scott Theibert
Alten (Skip) Grandt	Bob Rapson	Jon Tirpak
John Henderson	Terry Ronald	Gary Waggoner
Rob Hull	Vince Russo	Bill Woody
Warren Johnson	Robert Schafrik	

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

WHERE IS YOUR AFMMAA MEMBERSHIP CARD?

Do you still have your membership card? If you were a single year member, please look at the bottom of the card and see if there is an expiration date. If the expiration date reads 9/30/08, your dues are due for the current year. 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 2008-2009 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.

PHOTO IDENTIFICATION

Answers for Page 5

A) Dr. Craig Hartley; B) Dr. Robert Adamczak; C) Lt Col George Roust; D) Walter Conrardy; E) Stanley Dalton; and F) Herbert Schwenker.

LOSSES FROM THE RX (ML) FAMILY

We regret to inform you of the following loss from the RX Family that we have heard of since our last Newsletter. Only one loss has been reported.

Vincento "Vince" DiBenedetto March 2009

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



CURRENT RX WORKFORCE

The current size of the RX workforce includes the following as of 13 Apr 2009:

a) Civilian Employees	433
b) Military	86
c) On-site Contractors	<u>752</u>
Total	1271

This includes those at WPAFB, Tyndall AFB and other operating locations.



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

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Telephone -- Home: _____ Work: _____ Fax #: _____

E-mail: _____

Check here if we CAN NOT release mailing address, telephone number, and e-mail to other alumni.

Year departed/retired from RX (ML): _____

Recent information about yourself: _____

What areas would you like to support AFMMAA? (Scholarships, History, Mentoring, etc.)

Membership Category:

Individual - (\$10.00/year)

Lifetime - (\$150.00 one time fee)

Make check payable to: AFMMAA

Return to the following address:

P.O. Box 341413

Beavercreek, OH 45434-1413

(SEE OTHER SIDE)