



AIR FORCE MATERIALS AND MANUFACTURING ALUMNI ASSOCIATION (AFMMAA) NEWSLETTER

FIFTH EDITION

SPRING 2006

PRESIDENT'S CORNER

It's hard to believe that an entire year has passed since our crack team of new officers assumed our duties with the AFMMAA. At that time we set our sights on some ambitious goals for the association and this one-year-later point is an appropriate time to take stock of our progress and plan for the coming year. Our major challenges involved examination of our basic charter and purpose for existence, current status of our membership, finances, programs and future challenges. The foundation for our efforts was the fine work of the officers who preceded us under Phil Bouchard's leadership. Without that, plus the continuity of several officers staying on in different roles, the task would have been much more difficult.

After assuming our responsibilities we held a brainstorming session to get an early situation assessment captured. We reaffirmed our collective sense of mission and realistically assessed our membership and financial status, both of which did not portend well for the future without some clear course of action. Using this information we launched a 2-pronged approach to open a dialog with the new ML Director, Col Tim Sakulich, to ensure leadership awareness of our existence, typical activities

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GOOD NEWS

After our 2005 application for the Combined Federal Campaign (CFC) was denied last year despite several appeals for reconsideration, our application for admission to the 2006 CFC has been approved! As such, 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. This means that the current ML employees will have the option and opportunity to designate the AFMMAA as a recipient for all or a portion of their contributions for 2006. Hopefully, with enough contributions, we will be able to award multiple \$2,000 college scholarships to children of ML employees and on-site contractors.

Our CFC Code is 7147 and the CFC campaign will begin on 4 October and end on 17 November 2006.

ML DIRECTOR'S MESSAGE



Col. Tim Sakulich

Dear Colleagues,
Alumni and Friends of the
Materials and Manufacturing
Directorate.

It has been an honor
and a privilege to serve as
Director for the past ten
months, working alongside
men and women who are
among the Air Force's finest
leaders—from scientists and
engineers, to program
managers, to financial and

contracting specialists, to R&D facilities managers, to
administrative specialists. . . and the list goes on and on.
Not only have I witnessed their remarkable accomplishment
for our Air Force, but I have also experienced the true heart
and soul of this great organization—a spirit of selfless
service and science and technology advocacy for our Air
Force and Airmen who are in harm's way defending the
nation.

Working together, we have achieved many
successes over the past year—multiple advances in air,
space, agile combat support, sustainment and
manufacturing readiness. We celebrated another highly
successful S&T quality review by the Air Force Scientific
Advisory Board last fall. Our people have received awards
and other recognition at the AFRL, AFMC, Air Force and
DoD levels; from customers in the system program offices,
prime contractors and others recognizing the contributions
of ML scientists and engineers as well as support personnel.
ML experts have provided pivotal leadership to AFRL's
Focused Long Term Challenge effort as well as initiatives
to better integrate and streamline AFRL business processes.
Internally within the Directorate we have worked to
increase transparency in our technology investment
strategy, personnel management, and business operations.
And the ultimate motivation throughout has been a
commitment to excellence.

As we look to the future I believe the Directorate
will continue to draw great strength from excellence in
familiar and enduring core competencies. At the same time
technology—specifically the technology of warfare—is

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OUR PAST SCHOLARSHIP AWARD WINNERS

The AFMMAA has been awarding scholarships since 2002 to academically superior sons and daughters of current ML employees. The scholarships are available on a competitive basis to the sons and daughters of current ML workers, both government and contractors. The goal is to award two scholarships each year; one to a prospective candidate interested in pursuing a college degree in the physical sciences, and one to a candidate pursuing any degree applicable to the business of ML, including the physical sciences or business-oriented disciplines. AFMMAA has awarded seven scholarships from 2002 to 2005. Applications for the 2006 scholarships were due by 10 May 2006.

You might be interested in knowing how and what the past winners are doing today. We are pleased to report from their parents that they are all doing quite well in their academic pursuits. Here is a rundown on each.

Our 2002 winners were Ms. Morgan Webb-Yeates (daughter of Dr. Todd Yeates/MLBP) and Mr. Ankit Punatar (son of Mr. Dilip Punatar/MLMT). Morgan is graduating in a few weeks from Case Western Reserve with a degree in Chemistry. She will be going to Ohio State University this fall to pursue her master's degree in Epidemiology. Her goal is to work for the Center for Disease Control. Ankit is presently finishing up his second year of medical school at Ohio State University. He is among the top of his class and has received Letters of Commendation for certain classes. In May he will begin his clinical rotations. In addition to medical school, he also teaches and tutors for The Princeton Review. He will be a full fledged MD by the age of 24. His dream is to one day be a part of Doctors Without Borders.



Ankit Punatar

The 2003 winners were Mr. Michael Grant (son of Dr. John Grant/MLSA) and Mr. Dan Peterson (son of Mr. Tim Peterson/MLPS). Michael graduated with a 4.0/4.0 in Aeronautical and Astronautical Engineering from Purdue University in December 2005. During his undergraduate studies, he was a co-op at NASA Johnson Space Center (JSC) in Houston. He has enrolled in the aerospace graduate program at Georgia Tech for August



Michael Grant

2006, and will be researching optimization methods for vehicle, trajectory, and control design. Michael will continue his association with NASA JSC as a graduate co-op in the Descent Analysis Branch. His goal is to become an astronaut and go to Mars. Dan is finishing his third year in Mechanical Engineering at the University of Cincinnati. During the last two years, Dan has been a co-op at GE Aircraft Engines where he has worked on a new, efficient gas turbine. He was selected by UC as one of their "100 Cool Co-ops" for 2006. He plans to co-op next year in Germany.

There was only one 2004 scholarship winner. That was Ms. Catherine Shelley (daughter of Dr. Tim Shelley/MLQF). Catherine is a sophomore at Florida State University. She is a dual major in International Affairs and History, with a minor in Museum Studies. She is a member of two honor societies. She is currently working as a Legislative Intern for a US Representative. Her goal is a career in the Central Intelligence Agency, or one of the other government intelligence arms.



Samantha Brown

Our 2005 winners were Ms. Samantha Brown (daughter of Dr. Gail Brown/MLPSO) and Mr. Jeffrey Zabinski Jr. (son of Dr. Jeff Zabinski/MLS). Samantha is in the Integrated Science Program (ISP) at Northwestern University, one of seventeen freshmen students admitted into this highly selective program. She can earn the Integrated Science degree after three years at Northwestern but she is also planning a second degree in Chemistry, so will most likely be there for four years. She will be considered a junior once she finishes this school year in June. Jeffrey Zabinski is a freshman at Case Western University. He is an "A" student in Biomedical Engineering, and has chosen to concentrate on polymeric biomaterials. In the coming year he will also serve as the representative from the School of Engineering to the Undergraduate Student Government. He was selected for and graduated from the Emerging Leaders Program, and is involved in many community service and university service programs.



Jeffrey Zabinski Jr.

We anticipate announcing the 2006 scholarship winners at the June ML Recognition luncheon. See the AFMMAA website at www.afmmaa.com for a copy of the rules and application form.

(Corner Continued)

and needed support to serve ML and its people and programs. This was well received and we envision many opportunities to be of service. However, our most pressing problem was seen as financial, especially if we are to continue our major initiative to award competitive, merit-based scholarships to the sons and daughters of the extended ML workforce. The primary approach was decided upon to be successful in 2006 with Combined Federal Campaign (CFC) certification, in spite of failing in 2005. Success this year is as much a credit to last year's team as this year's since we took the 2005 process through three levels of appeal to learn what it really takes to win in a very complex application procedure. The result speaks for itself (see related article) and we certainly hope all ML people who support the CFC will see fit to earmark at least a part of their contributions for AFMMAA. We will, in turn, use these funds to increase both the size and number of scholarships for aspiring ML future graduates in areas of national importance.

As for the next year, we plan to meet with the new ML Director, once selected and on board, to maintain our communication links with ML leadership. We then need to extend this dialog to the Division, Branch and workforce levels to begin to tap into our most obvious source of new members – the current workforce (as you do not have to leave or retire to be an AFMMAA member). Thus, increased membership will be the focus for the next year. I believe this is best achieved by solid performance of our mission to support the current ML organization by the accomplishment of special projects, promoting the activities and accomplishments of ML people – past and present- and by fostering recognition of ML contributions to the Air Force and the nation. We have lots of ideas about just how to go about this and we will be seeking your support and participation over the coming months.

Of course, if you have ideas about how to do this more and better, please let any of us know.

Jim Mattice, President, AFMMAA

(Message Continued)

evolving at a relentless, if not accelerating pace. Excellence demands that we regularly challenge assumptions about those competencies, become more agile at exploiting emergent technologies, and implement new ways to combine, collaborate and integrate expertise across material disciplines. There is no "formula" for how to do this, so the only solution is to experiment, learn and adapt. I believe there are leaders across the Directorate who are rising to that challenge.

Reflecting on my service with ML since first arriving in July 2003, I would like to offer a perspective

on what makes the Directorate the incredible team that it is. I believe it boils down to three important foundations. First is a clear sense of purpose—leading the discovery, development and integration of affordable materials and manufacturing for the future Air Force and at the same time tackling and solving the materials and manufacturing needs of today's Air Force.

A second foundation is our people. We are a rich organization whose wealth derives not from the size of our budget (though every bit helps!) but from the quality of our people, their ideas, their creativity and their passion. We are also family—celebrating one another's successes, and supporting each other in times of need.

The third foundation is the touchstone of ML heritage. This is not about resting on the laurels of the past, but about appreciating the fact that we stand on the shoulders of many ML science and technology leaders who have come before us. We owe them a debt of gratitude for their vision, accomplishments and mentorship in shaping the Air Force of today. Through their example, we can find inspiration and motivation to remain at the forefront of shaping the Air Force of tomorrow.

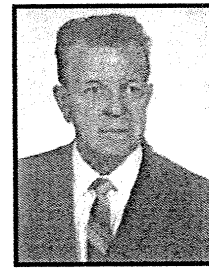
In closing, I challenge all who read this to reflect on and help strengthen those foundations. In doing so, you help ML fulfill its awesome responsibilities, and thereby contribute to the greatest air and space force on the planet as it guards the nation, our values and our way of life...for us and our children.

DO YOU REMEMBER?

Shown below are the photographs of several AFML engineers and scientists taken in the 1960's. How many do you recognize? For the answers see page 4.



A



B



C



D



E

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

PHOTO IDENTIFICATION

Answers

A) 1st Lt Cyril (Sonny) Pierce; B) Lova Polley;
C) Elizabeth Tarrants; D) Dr. Terry Ronald;
E) Dr. Ted Lynch

HAVE YOU PAID YOUR 2005-2006 DUES?

Our records indicate there are a number of members who have not paid their 2005-2006 membership dues. We don't want to lose a valuable resource to the Association - YOU! The annual dues are \$10.00, or a Lifetime Membership is available for \$150.00. Please remit your payment to AFMMAA and mail to P.O. Box 341413, Beavercreek, OH 45434-1413.

For those of you who are not yet members, please give serious consideration to joining us. Enclosed is a form that can be returned to become an active member.

LOSSES FROM THE ML FAMILY

We regret to report the following passing from the ML Family in recent years:

Russell Henderson	August 2001
Oscar Srp	December 2001
Mike Duhl	August 2002
Russ Cervay (UDRI)	November 2003
Paul Ornstein	February 2004
Richard Vossler	March 2004
Atwell (Brick) Adair	July 2004
Roger Griswold	August 2004
Don Shinn	December 2004
Larry Hjelm	May 2005
Ken Love	November 2005
George Morris	March 2006

If you know of others, and would care to share their names, please let us know.



**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 ML: _____

Recent information about yourself: _____

What areas would you like to support AFMMAA?

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