



U.S. Army Center for Health Promotion and Preventive Medicine

# The Sentinel





## CHPPM ANNIVERSARY BALL

By: Evelyn B. Hess

The seventh CHPPM Anniversary Ball was held at the Top of the Bay on October 19. BG and Mrs. William T. Bester hosted the formal event with 228 attendees. The Ball began with a receiving line and time for socializing on the patio overlooking the beautiful river beyond. The music of the 389<sup>th</sup> Army Band, Jazz Combo, directed by SSG DeWayne Simmons, put everyone in a festive mood.

LTC Bruno Petruccelli served as Master of Ceremonies. He recognized Lovetta Britton for her outstanding efforts as Protocol Officer and for all of the other people who participated. The colors were posted by members of the CHPPM Color Guard who were: MSG Mark S. Kenyon, Color Sergeant; SGT Terrance Blackwell; SPC Terry Messex; SPC Erica N. Nobel; SPC Yolawnda S. Riddick; and PV2 Nicole M. Back.

BG Richard L. Ursone, Assistant Surgeon General, Deputy Chief of Staff for Force Sustainment, and Chief, Medical Service Corps, was the key note speaker.

MAJ Thomas C. Timmes and Esther Wescott played the National Anthem – Timmes on the cello and Wescott on the piano. It was a beautiful performance.

The ceremonial cake was cut by BG Bester and 2LT Bryan Rudyk, representing the future leadership of CHPPM; SGM David Vreeland and PV2 Back, representing the future non-commissioned leadership; and Dr. Coleen Weese and Linda DuBree, representing the civilian workforce.

BG Bester presented the Order of Military Medical Merit to the following personnel: LTC John Hughes, Dr. George Luz, Linda Baetz, and James Wood. On behalf of the Department of Laboratory Sciences, CHPPM-Europe, SFC Barrington Peart accepted the Quality Advocate of the Year Award .

After the awards and speeches, the colors were retired and the attendees danced the night away. Music was provided by Fran Webb, Now You See It – Now You Don't Promotions.

(additional photos page 20)



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## Progress in Laboratory Automation

By: COL James Little  
Director, Laboratory Sciences

About two years ago, I wrote an article for this publication that described initiatives for the Directorate of Laboratory Sciences. Automation, standardization of processes, teamwork, and smart contracting were four areas of focus. In this article, I would like to describe progress in the area of automation that I feel has benefited our customers.

The goal of our automation initiative is to provide improved efficiency of laboratory operations using automation as a tool for managing and measuring processes. The desired end result is to improve customer service by reducing sample analysis turnaround time and enhancing quality and productivity for environmental and occupational health sample analysis.

Central to the effort of enhanced customer service by laboratory automation was the implementation of the Horizon Laboratory Information Management System. The LIMS is used to track samples, schedule work, calculate results, develop electronic analytical reports, and provide management reports. Laboratory automation developments provide new capabilities that include:

- 1) improved scheduling and workload management for sample analysis.
- 2) interfacing laboratory equipment with the LIMS to provide the automatic transfer of data, thus eliminating manual transcription.
- 3) automatic calculation of results from the instrument data, minimizing manual calculations and,
- 4) electronic delivery of results to customers.

Several things have contributed to the success of our automation initiative and have enabled DLS to maximize focus on laboratory-specific automation issues. Frequent communication and weekly meetings attended by the Director and Laboratory Operations Manager have helped keep the initiative for interfacing

equipment with LIMS and laboratory automation on track. The use of an Automation Management Board comprised of laboratory personnel who discuss and prioritize laboratory automation projects has aided in the acceptance and improvement of laboratory automation. Support from the Deputy Chief of Staff for Information Management provided maintenance of hardware and custom developed WEB applications linked to the Horizon LIMS. Dedicated customer service and training have also aided in the success of the project. Designating a specific person to provide assistance and one-on-one training to users has reduced obstacles for new users of the system. Two email bulletin boards (SAMPNEWS and LAO-HELP) have been developed to assist users, thus enhancing communication and information sharing without work interruptions and costs associated with personal visits.

As a result of our automation initiatives, our turnaround time has decreased from 25 to 16 business days, our percentage of work completed on time has increased from 58 to 78 percent, and our productivity (value of work/number of people) has increased from 1.0 to 1.76 (based on figures from calendar year 99).

I feel that although much progress has been made, there is still a lot of room for improvement. Some instruments are still not interfaced to the LIMS. Other goals include providing laboratory automation interfaces to our customers in the field so they can track progress on their samples, and collaboration with Deputy Chief of Staff for Information Management to develop Web applications to link all of the DLS processes with other systems.

Working together, we have made considerable progress and continued cooperative efforts in the future will result in further improvements in customer service. I hope by the next time I have the opportunity to write that I can share several more enhancements to customer services as a result of our initiatives.

## **Making The Full Colonel's List**

By: Evelyn B. Hess

**COL Scott W. Gordon**, Commanding Officer, CHPPM-South was born in Utica, New York. He received a BS in zoology from Miami University in Oxford, Ohio in 1973 and a MS in entomology from the Ohio State University, Columbus, OH in 1976. He was awarded a Ph.D. in Microbiology from Colorado State University, Fort Collins, Colorado in 1993. Prior to entering the military, he was employed by the Vector-borne Disease Unit of the Ohio Department of Health from 1976 until 1983 as a medical entomologist involved in surveillance for arthropod-borne diseases.

Gordon's military assignments include: Entomologist, 363<sup>rd</sup> Medical Laboratory, Columbus, Ohio; Commander, 714<sup>th</sup> Medical Detachment, Fort Bragg, North Carolina; Assistant S-2, 44<sup>th</sup> Medical Brigade, Fort Bragg, North Carolina; Research Entomologist, U.S. Army Research Institute of Infectious Diseases; Deputy Chief, Department of Entomology, Armed Forces Research Institute of Medical Sciences, Bangkok, Thailand; and Assistant Professor, Department of Preventive Medicine and Biometrics, Uniformed Services University of the Health Sciences, Bethesda, Maryland.

His awards and decorations include the Defense Meritorious Service Medal, Meritorious Service Medal with Oak Leaf Cluster, Army Commendation Medal (2 olc), Army Achievement Medal (2 olc), National Defense Service Medal (2<sup>nd</sup> award), Armed Forces Reserve Medal, expert field medical badge, and parachute badge. Other awards include the Chief, Medical Service Corps Award of Excellence and the Carmack Medal.

He is a Board Certified Entomologist and a member of numerous professional organizations including the American Society of Tropical Medicine and Hygiene, Royal Society of Tropical Medicine and Hygiene, Entomological Society of America, American Mosquito Control Association, Society of Vector Ecology, and Washington Entomological Society.

His wife, Dr. Ann Stewart is a malaria vaccine researcher at Walther Reed Army Institute of Research. Gordon and his wife have two daughters, Lindsey and Caitlin and two grandchildren.



**COL Thomas M. Logan**, Deputy Chief of Staff for Operations, was born in Woodward, Oklahoma. He received a direct commission in the Medical Service Corps after completion of a Doctor of Philosophy degree in entomology from Oklahoma State University in 1985.

His military assignments include: Research Entomologist at the U.S. Army Medical Research Institute of Infectious Diseases, Fort Detrick, Maryland; Chief, Arboviral Research Section, U.S. Army Medical Research Unit – Kenya; Chief, Department of Epidemiology, USAMRIID; Commander, 225<sup>th</sup> Medical Detachment (LX), Fort Stewart, Georgia; Staff Entomologist, 30<sup>th</sup> Medical Brigade, Heidelberg, Germany; Chief, Entomological Science Division and Chief, Department of Environmental Health Sciences, CHPPM-Europe, Landstuhl, Germany; Chief, Support Operations Division and Chief, Current Operations Division, CHPPM.

His awards and decorations include: the Meritorious Service Medal with Silver Oak Leaf Cluster, Army Commendation Medal (3 olc), Army Achievement Medal, National Defense Service Medal (2<sup>nd</sup> award), Armed Forces Expeditionary Medal with Bronze Service Star, Armed Forces Service Medal, Humanitarian Service Medal, Overseas Service Ribbon (2<sup>nd</sup> award), NATO Medal, Expert Field Medical Badge, and Air Assault Badge. He is a member of the Order of Military Medical Merit and holds the "A" Proficiency Designator.

His spouse, Mary, is a Special Education Mentor Teacher for Harford County, Maryland. They have three children, Trevor, Ryan, and Adam. His mother, Martha Logan, resides on her farm in Woodward, Oklahoma.



## Fall Hail and Farewell The Country Comes to CHPPM

By: Kelley Mann  
Directorate of Epidemiology and Disease Surveillance

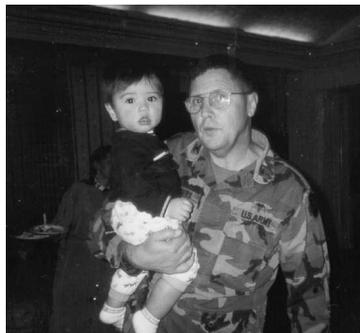
Ahhhh, the smell of hay, the sights of the changing colors all around, what is it you ask? Fall of course!!! And CHPPM's Fall Fling Hail and Farewell is underway! With hay rides and fall decorations aplenty.

On November 14, the Edgewood Area Gunpowder Club was fully turned out in the fall colors of russets, oranges and golds to welcome new CHPPM team members and say farewell to our co-workers who were departing our CHPPM Family. Our Master of Ceremonies, LTC(P) Bruno Petruccelli, Director of Epidemiology and Disease Surveillance, kicked off the evening.

Although the entertainment for the evening was delayed and eventually unable to make it at all, everyone was still able to enjoy the festive atmosphere and partake of a wine tasting event. Drawings for door prizes from our "country basket" were held throughout the evening with the winners receiving their choice of beautiful mums or a dried flower arrangement that were used as centerpieces on all the tables.

Thanks to all those who joined the festivities supporting our incoming and outgoing co-workers, making this a wonderful event enjoyed by all!!

CHPPM hailed LTC James Boles, Chaplain (LTC) Ronald Smith, MAJ Steven Cersovsky, MAJ Georgia dela Cruz, MAJ Susan Goodwin, MAJ Samuel Jang, MAJ Timothy Lobner, CPT Jennifer Cummings, CPT Justin Curry, CPT Lee Lefkowitz, CPT Andrew Plummer, CDR Dale Barrette, 2LT Bryan Rudyk, SFC Jerry Beatty, SGT Curtis Legette, SPC Jaime Purcell, SPC Javelle Spann, PV2 Nicole Bach, PV2 Hubert Exume, PV2 Jeffrey Mitchell, Ms. Lori Bell, Ms. Trinee Few, Ms. Rachel Gross, Mr. Richard Overturf, Mr. Tony Philip, Ms. Roxanne Smith, Mr. Roy A. Valiant. Dr. Karen Walker, and Mr. Matthew Wyant, Farewells included SGT Terrance Blackwell, SGT Jason Krantz, SPC Dixie Albro. Mr. John Bauer, Mr. Richard Bishop, Ms. Mary Krantz, Ms. Alie Muneer, and Mr. Robert Valis,



# Hail and Farewell

**MILITARY NEWS**

**AWARDS and RECOGNITIONS**

**ARRIVALS**

CPT Richard Arday - CHPPM-North  
2LT Jennifer Cooper - CHPPM-North  
MAJ Steven Czerwinski - DLS  
PV2 Hubert Exume - DLS  
2LT Michael Greifenstein - CHPPM-South  
CPT Lee Lefkowitz - DLS  
2LT Jered Little - CHPPM-South  
LTC Eric Lund - CHPPM-Europe  
PV2 Jeffrey Mitchell - DLS  
CPT Donald Moore - DOHS  
1LT Robert Moore - CHPPM-North  
SGT Lisa Phillips - DOHS  
SPC Jamie Purcell - DLS  
SGT Javelle Spann - DLS  
2LT Kennon Vann - CHPPM-North  
2LT Scott Vial - CHPPM-South

**DEPARTURES**

SGT Terrance Blackwell - DLS  
1LT Jennifer Hampton - CHPPM-South  
CPT Brett Swierczewski - CHPPM-South

**Army Commendation Medal**

MSG Robert Carpenter - HQHQ  
LTC James Carroll - DEDS  
LTC Michael Custer - DHPW

**Army Achievement Medal**

CPT Laura Kwasniak - CHPPM-West

**Meritorious Service Medal**

LTC James Carroll - DEDS  
CPT Brian Paulus - DTOX  
COL Kotu K Phull - DEHE

**Quality Advocate Award**

**Honorable Mention**

MAJ Steven Bullock - DHPW

**“A” Designator - Nuclear Medical Science**

LTC Mark Melanson - DOHS

**PROMOTIONS**

SFC Jennifer Brown to MSG  
2LT Jennifer Cooper to 1LT  
2LT Peter Gray to 1LT  
LT Laura Kwasniak to CPT  
Cadet Nicole N. Zuena to 1LT

**Winning Spirit Award**

MAJ Emery Fehl - DOEM

**Promotions**



Congratulations to (l to r)  
1LT Amy O’Dea, 1LT Paul McBride and  
PFC Kristina Snyder of CHPPM-South on their  
recent promotions.

**CIVILIAN NEWS**

**ARRIVALS**

Wendy Bechtel - DOHS  
Farhana Lotkikar - DCSOPS  
Melissa Hammerbacker - DCSIM  
Jamie Heckert - DTOX  
Erik Janus - DHRM  
Melody Marsh - DEHE  
Wentzel Mitchell - DHRM  
Marshawny Moore - DCSIM  
George Murnyak - DOHS  
Katharine Neufeld - SIO  
Tony Philip - DOEM  
Rainier Ramos - DCSIM  
Shannon Shuman - DLS  
Eric Thomson - CHPPM-Europe  
Jeffrey VanBemmel - DCSIM  
Ying Jin-Clark - DTOX

**DEPARTURES**

Richard Bishop - DLS  
Rebecca Eberhardt - DHPW  
Alie Muneer - DTOX  
Scott Paris - DCSRM  
Melinda Siekmann - CHPPM-Europe

**AWARDS and RECOGNITIONS**

**Meritorious Civilian Service Award**

Frederick Harrison - CHPPM-West

**Quality Advocate Award**

Honorable Mention  
Dr. Marianne Cloeren - DOEM

**Retirements**

Richard Angerhofer – DTOX  
John Bauer - DEHE  
Rich Bishop – DLS  
Jerry Valcik – DEHE  
Robert Valis - DLS

**Service Certificate & Pin**

Frederick Harrison, CHPPM-West, 30-Yr

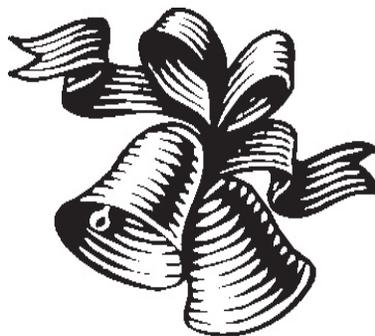
**Performance Awards**

Dr. Coleen Weese - DOEM

**Certificate of Appreciation**

Patricia Beall - DTOX  
Velma Buchanan - DCSIM  
Kimberly Fleischmann - DOHS  
Gail Gibson - DCSIM  
Cynthia Givans - DCSIM  
Linda Patrick – DCSIM

*Seasons' Greetings*



## Quality Advocate of the Year

By: Evelyn B. Hess



SFC Barrington Peart, CHPPM-EUR, accepts the Quality Advocate of the Year Award from BG Bester.

The Quality Advocate of the Year is an annual award given within CHPPM to a person or activity that has had the greatest impact on improving the quality of its processes, products, or services. This year, the honor goes to Department of Laboratory Sciences, CHPPM-Europe. BG Bester presented the award to SFC Barrington Peart, accepting for CHPPM-EUR, at the CHPPM Ball.

The Department of Laboratory Science staff, under the direction of Dr. Charles N. Statham, achieved the recommendation for International Organization for Standardization 9001:2000 and ISO 14001 registration during the on-site audit in August 2002. This accomplishment was achieved with a staff of 24 employees who balanced the implementation of the new (ISO) Standards while providing sound environmental laboratory data during a period of national crisis, clearly demonstrating a phenomenal work ethic and unparalleled commitment to quality and continuous improvement. DLS-Europe demonstrated absolute commitment to the Health Promotion and Preventive Medicine Programs of the U.S. European Command and U.S. Central Command areas of responsibility, in support of the health care of the national and international contingent of military service members, their families, and the civilian workforce.

The ISO is a worldwide network of national standards institutes from 140 countries working in partnership with international organizations, governments, industry, business, and consumer representatives. It serves as the bridge between public and private sectors as a non-governmental organization whose mission is to promote the development of standardization (e.g., ISO 9000 series Quality Management and ISO 14000 series Environmental Management Systems Standard, etc.) and related activities in the world, with a view to facilitating the international exchange of goods and services, and to develop cooperation in the spheres of intellectual, scientific, technological, and economic activity. In May 1996, DLS-Europe became the first and only environmental laboratory in the world to be jointly accredited under the ISO Guide 25, General Requirements for Accreditation of Laboratories, by both American and European Union accrediting agencies. DLS-Europe did not stop their quest for quality laboratory services with this accomplishment. In October 1998, the Quality System of DLS-Europe was registered to the ISO 9002:1994 Quality Management Systems Standard, the international hallmark of quality services and customer satisfaction throughout the business world.

***Congratulations!***

(continued on page 10)

## Quality Advocate of the Year

*(continue from page 9)*

DLS-Europe is a major 415<sup>th</sup> Base Support Battalion stakeholder for the generation and management of hazardous waste. The Kaiserslautern Industrial Community is in the process of implementing the ISO 14001 EMSS but has not yet achieved registration. DLS-Europe's recommendation for ISO 14001 EMS registration carries high value and adds significant momentum to the 415<sup>th</sup> BSB's quest as they endeavor to move the KIC, their subcomponents/tenants, stakeholders and contractors to registration or full compliance with the ISO Standards in order to meet Host Nation requirements.

DLS-Europe, through its passion for excellence and pursuit of continuous improvement, has achieved extraordinary results. They represent the proud spirit of CHPPM and our strong resolve to achieve our vision. They have clearly demonstrated commitment to providing quality through its day-to-day business practices. The achievement of the ISO 9001:2000 and ISO 14001 registrations, on top of the existent ISO/IEC 17025 accreditation, is further proof, from an independent 3<sup>rd</sup> party Registrar Accreditation Board accredited registrar, that DLS-Europe has achieved a level of performance excellence commensurate with the Baldrige National Quality Program and the most respected companies of the international business world. DLS-Europe's international recognition for quality clearly sets a new standard for CHPPM.



## CHPPM's Winning Spirit Award

MAJ Emery Fehl, Tri-Sevice Vision Conservation and Readiness Program, Directorate of Occupational and Environmental Medicine, recently received a CHPPM Winning Spirit Award for his proactive work during the Joint Service General Protective Mask Preliminary Design Review Workgroup Meeting. Fehl served as the DOD subject matter expert for the eye care/ophthalmic fabrication community JSGPM and Military Entrance Processing Station. His attention to detail and commitment to excellence will save millions of DOD dollars over the life span of the JSGPM and enhance the soldier's individual medical readiness.



## CHPPM-North Soldiers earn EFMB's

By: 1LT Barton Jennings, Environmental Health Engineering Division, CHPPM-North  
1LT Victor DeArmas, Industrial Hygiene Division, CHPPM-North

Eight soldiers from CHPPM-North attempted to earn the coveted Expert Field Medical Badge hosted by the 115<sup>th</sup> Field Hospital, Fort Polk, Louisiana between November 3<sup>rd</sup> and November 14<sup>th</sup>. The soldiers were initially greeted with three days of continuous rain, transforming the otherwise dry training areas into a soupy bayou. Morale lifted and equipment dried as fair weather persisted thereafter. All soldiers completed prerequisite training consisting of successful completion of the Army Physical Fitness Test and basic weapons marksmanship. A rigorous week of training consisting of day and night land navigation with courses between 2.5 to 4 km in length; military communication and radio procedures using single channel ground and airborne radio systems; extensive survival training and operation in an Nuclear, Biological, and Chemical environment; casualty evacuation by performing individual carries, litter/improvised litter carries, proper loading of ground and air evacuation vehicles; emergency medical treatment; and cardio pulmonary resuscitation.



(1 to r) 1LT Barton Jennings and 1LT Victor DeArmas participated in the EFMB.

*(continued on page 18)*



1LT Cynthia Harrison participates in a 12-mile forced road march during the EFMB.



Soldiers of CHPPM-North negotiate an obstacle course with mud and concertina wire.



Soldiers wearing protective mask negotiate an obstacle course while carrying a 150-pound patient.



Soldiers carry a patient through a narrow passage-way to demonstrate proficiency which is one of the skills required of EFMB.

## New Faces



**1LT Robert G. Moore** is an Entomological Science Officer working in the Entomological Science Division at CHPPM-North. Prior to arriving at CHPPM, Moore attended the Officer Basic Course and the Principles of Preventive Medicine course at Fort Sam Houston, Texas. Moore is a graduate of the University of Illinois with a Master's degree in Entomology. He resides at Fort Meade, Maryland with his wife Lynn, and their two daughters Alyssa, 6 and Maggie, 1.



**2LT Jered D. Little** is an Environmental Science Officer currently assigned to CHPPM-South Environmental Health Engineering Division. He recently graduated from Morehead State University, Morehead, Kentucky, where he obtained a Pre-Med Degree. He has recently graduated from the Officer Basic Course in November and will be attending the 6AF5 course in February 2003.



**MAJ Chris D. Jenkins** arrived at CHPPM-West in October to serve as Chief, Industrial Hygiene Division. He comes to CHPPM from the 62<sup>nd</sup> Medical Brigade, Fort Lewis, Washington where he served as the Preventive Medicine Staff Officer. His previous assignments include Chief, Preventive Medicine, William Beaumont Army Medical Center; Commander 38<sup>th</sup> Medical Detachment (Sani) Republic of Korea; Environmental Science Consultant, 7<sup>th</sup> Medical Command, Federal Republic of Germany; Chief, Environmental Health, Heidelberg MEDDAC, FRG; and Environmental Science Officer, 2<sup>nd</sup> Armored Division, Fort Hood, Texas. His wife is LTC Christine Kubiak, AN, Head Nurse, MedSurg, Madigan Army Medical Center, Fort Lewis, Washington. They live in Olympia, Washington with their two children, Colby and Clarissa.



**2LT Scott L. Vial**, is an Environmental Science Officer currently assigned to the Industrial Hygiene Division at CHPPM-South. Prior to joining CHPPM, Vial served for 5 years in the Army Reserve as a generator repairman. Vial earned a Master of Science in Epidemiology from the University of Iowa in spring 2002 and also holds a Bachelor of Arts in Biology from Luther College, Decorah, Iowa. He received a direct commission to the Medical Service Corps in December 2001. He resides in the Atlanta, Georgia area with his wife Betsy.



**2LT Michael R. Greifenstein** is an Environmental Science Officer currently assigned as a Project Officer for the Environmental Health Engineering Division, CHPPM-South. Prior to joining CHPPM, he served 3 years as a Chemical Operation Specialist in the 82<sup>nd</sup> Airborne Division, Fort Bragg, North Carolina. Greifenstein is a graduate of the U.S. Military Academy, West Point, New York, where he earned his Bachelor of Science in Environmental Science. He currently resides in Newnan, Georgia with his wife, Stacy, and stepson, Tyler.



**2LT Kennon J. Vann** is an Environmental Engineer working in the of Environmental Health and Engineering Division at CHPPM-North. Prior to arriving, Vann completed the Principles of Preventive Medicine and Fundamentals of Industrial Hygiene courses at Fort Sam Houston, Texas. She received her Bachelor of Science in Engineering from Mercer University in Macon, Georgia. Vann hopes to continue her education by pursuing a Master's degree, and eventually a doctorate, in Environmental Engineering.

## Outstanding Employees

By: Evelyn B. Hess

Three employees were recently honored in recognition of their demonstrated standard of performance. They each received a Quality Step Increase, the highest monetary award presented by CHPPM. In order to receive a QSI, each had to exceed the expectations of their job description and performance plan on a continuous basis throughout the entire rating period.

**Todd Richards**, Environmental Engineer, Water Supply Management Program, was recognized for enhancing drinking water quality to ensure Army readiness worldwide. His contributions include management of the Program's Water System Performance Evaluation service which has now improved drinking water quality at 100 important Army waterworks worldwide and brought in hundreds of thousands of dollars in reimbursable funds. He addressed and resolved a wide spectrum of drinking water issues. He functioned as a Section Chief, attained registration as a Professional Engineer, and encouraged his associates accordingly.



BG Bester (l) and COL K.K. Phull (r) presented Todd Richards with an Outstanding Employee citation.

**Michael Pattison**, was recognized for exceptional performance as a Supervisory Environmental Engineer, Air Quality Surveillance Program. His exceptional management skill and leadership abilities as a Section Chief were critical to the Program's ability to provide quick response stack testing support to the Program Manager for Chemical Demilitarization's accelerated prove-out for a critical VX neutralization process. In addition, he was also able to provide effective air quality support to the Program's other customers during a period of personnel turnover and constrained resources.



COL K.K. Phull (r) congratulates Michael Pattison after BG Bester (l) presented him with an Outstanding Employee citation.

**Brad Hutchens**, Environmental Engineer, Deployment Environmental Surveillance Program, was recognized for exceptional support, particularly during the events of September 11. The DESP coordinated the Pentagon Response maintaining the sample database, coordination of sampling efforts, supplying equipment and personnel, and compiling the final report. Hutchens was instrumental in developing the sample analysis database, coordinating the sample flow to the laboratory, and the media and equipment flow to the Pentagon for thousands of environmental samples. This effort made it possible for the project to be completed in record time and the work force at the Pentagon safely returned to their jobs.



(l to r) BG Bester and John Resta, congratulates Brad Hutchens.



## CHPPM Supports the Arts

By: Terry Lyon, the proud father  
Laser/Optical Radiation Program

The Laser/Optical Radiation Program is supporting the Art Department at Towson University, Maryland. Ms. Bonnie Lyon, a senior at TU, offered to post her art in building 1950 as part of her class requirements. Four of her creative works went on display on November 18, in the entrance hallway to the Laser/Optical Radiation Program.

Lyon's work presents a physics theme, and received immediate praise and attracted much interest from building occupants. The work is very relevant to the missions of the Radiofrequency/Ultrasound and the Laser/Optical Radiation program. The topics presented are especially of interest to the many physicists and engineers who work in the building. Lyon presented the following titles: "Renowned Physicists," "Modern Physics," "The Universe," and "Moon."

Other art students from TU have displayed their art work at many public sites in the Baltimore area as part of the class requirement. Each art display will be reviewed by other students as well as by their teacher. The art work will remain on display for another few weeks so please visit building 1950 and enjoy!



Lyon proudly displays her art work.



Lyon presents  
"The Universe."



TU student reviews Lyon's art work titled "Modern Physics."

### **On-Line Continuing Education Program**

In accordance with the U.S. Army Surgeon General's commitment to energize the Army's movement to e-Business solutions, the Department of Learning Innovation & Technology at the U.S. Army Medical Center & School is pleased to announce the initiation of a fully accredited On-Line Continuing Education Program. At no cost to the individual, the program will enable AMEDD personnel to access continuing medical education and continuing education from home, medical facility work stations, or anywhere Internet access is available. To view the course catalog and register, go to <http://www.swankhealth.com>.

This program is currently available to all AMEDD Active Duty and civilian personnel. Reserve Component personnel are authorized to access the training during their Active Duty status.

For additional information, contact Mary Griffith at [mgriffith@swank.com](mailto:mgriffith@swank.com) or Sylvia Ritzel at [sritzel@swank.com](mailto:sritzel@swank.com) or call 800-950-4248.

(Editor's note: This information was provided by Martha Waldman, Department of Learning Innovation & Technology AMEDDC&S.)

## **CHPPM Gives High School Student, “A Great way to Spend My Summer Vacation”**

Summer vacations aren't what they used to be. While her friends were working summer jobs and unwisely working on their tans, rising Bel Air High School senior Shikha Handa went beyond the guarded gates of the Edgewood Arsenal and reported for work. Handa won a coveted slot in the George Washington University Science and Engineering Apprentice Program and was placed with the CHPPM Water Supply Management Program.

“My Director, COL KK Phull called me one day, and asked if I would be willing to serve as a sponsor and mentor for Handa. Phull's guidance to and expectation of me were that he wanted Handa to feel good about her accomplishment and contribution, and for her to leave with a positive image of CHPPM and the Army,” said MAJ Thomas Timmes. “I was impressed with her application letter. I saw that she was a serious student and would be up for a challenge,” added Timmes.

Over a two-month period, Handa worked alongside government civilians, commissioned officers, enlisted soldiers, and a West Point Cadet. She investigated the ability of various handheld drinking water treatment devices to remove chemical contaminants. Her research included an opportunity to work in the CHPPM laboratory with new water testing kits and also gave her a chance to take water samples on the nearby shores of the Chesapeake Bay.

When asked about her experience, Handa said, “The internship at CHPPM was a great way to spend my summer vacation. It helped make me aware of some of the possible real world applications of things that are taught to students in school. It also helped expose me to a possible career option for my future.”

According to Timmes, the CHPPM also benefited from her time and hard work. “Because of her efforts, we were able to share the results of this study with the larger preventive medicine community during the Annual Force Health Protection Conference in Baltimore.”

In the past, CHPPM has supported other mentoring programs, such as the Harford County Engineer for a Day program and the Hereford County annual “Bay Days” at Gunpowder State Park. Scattered within the CHPPM, there are more than a few engineers and scientists who got their start with similar internship programs. “I was glad to take the time to explain things to Handa; she was willing to learn and quite capable of getting the job done,” said Timmes.



Ms. Handa works in the CHPPM Laboratory with Cadet Robert Nahabedian to evaluate the flow rate of a handheld water treatment device.



Ms. Handa, Cadet Robert Nahebedian, and SGT Lisa Phillips conduct field studies of a handheld water treatment device at Skipper's Point in Edgewood, Maryland.

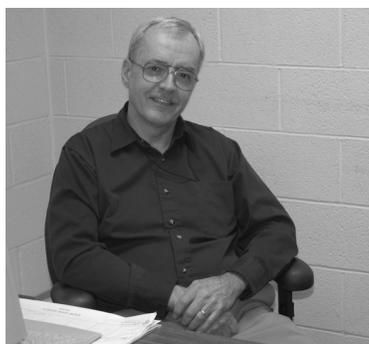
## New and Exciting Phase of Life

By: Irene Sacilotto  
Laboratory Consultants Office



**Robert Valis** retired after 37 years of Federal service, leaving his position as consultant with the Directorate of Laboratory Sciences. Valis came to AEHA/CHPPM from U.S. Army Chemical Research, Development, and Engineering Center in 1980, bringing with him valuable experience analyzing military unique compounds, chemical agents, and chemical agent breakdown products. Remaining on the leading edge of this evolving technology, he enhanced instrument performance, improved procedures, and adapted methods to deal with unusual, difficult matrices. During his career, he served as team leader of the Gas Chromatography/Mass-Spectroscopy Analysis group, project manager, advisor, and method developer, publishing a number of scientific papers in professional publications. An exceptional chemist and innovative problem solver, Valis has more than 25 performance awards during his career, often saving the Army money or embarrassment. He is currently assigned to the consultant's office where he advises Center scientists, coordinates laboratory studies, reviews technical documents, serves as an expert witness, and interacts as a technical expert with high level officials within and outside the DA. His extensive knowledge of environmental chemistry and ability to clearly explain complex topics, qualified him to conduct classes for the Uniformed Services University of Health Sciences and Theater Army Medical Laboratory. Well-respected throughout the scientific community, his opinions are sought after and he is actively involved with National Research Council, the American Society of Testing and Materials and various Environmental Protection Agency, Department of Defense, and Department of the Army working and steering groups.

Upon retirement, Valis intends on remaining active--biking, golfing, hiking, relaxing at the ocean, and volunteering time to worthwhile environmental endeavors. However, for the first year he won't totally disappear from the halls of building E-2100; he'll return to support DLS on a reduced schedule. The CHPPM family wishes him well as he enters this new and exciting phase of his life.



**Rich Bishop** retired with more than 33 years of Federal service. Bishop was a chemist with the Directorate of Laboratory Services. After serving in the military, he joined the Environmental Chemistry Division in 1972 where he analyzed samples for toxic metals and other compounds in-house and on-site in the directorate's mobile laboratory. In 1976, Bishop moved to the Industrial Hygiene Chemistry Branch and eventually became chief of the Chromatography Analysis Branch. He became an expert in the analysis of explosives and other military unique compounds. His intimate knowledge of Gas Chromatography and Gas Chromatography-Mass Spectroscopy technology made it possible for him to develop new and improved methods of analysis for explosives other toxic compounds in air and other media. Bishop devised a more sensitive and reliable procedure for detection of toxic fumes in paint and urethane foam, replacing the procedure currently in use. Other procedures he developed have been adopted for use by agencies outside of CHPPM. Bishop earned the status as a Certified Industrial Hygienist and has served on ASTM committees and has been a member of a number of professional societies including the American Chemical Society, Society for Applied Spectroscopy, and American Industrial Hygiene Association. During his tenure, he published a number of scientific papers on the topic. He served as DLS project coordinator during the Gulf War crisis in addition to other high visibility projects such as Program Manager for Assembled Chemical Weapons Assessment, a study how best to destroy chemical munitions. For his exceptional performance, he received the Commander's Award for Civilian Service. Although he officially

## New and Exciting Phases of Life

retired, he will return in January for a limited number of hours to assist DLS until his new home near Scranton, Pennsylvania is completed. The large lot will offer Bishop plenty of opportunities to use his gardening skills, and he anticipates spending many hours on a nearby pond - fishing, canoeing, and just relaxing. When asked what he would miss the most about CHPPM when he retires, he said "the people." We will miss him too.

## A Minus at DT

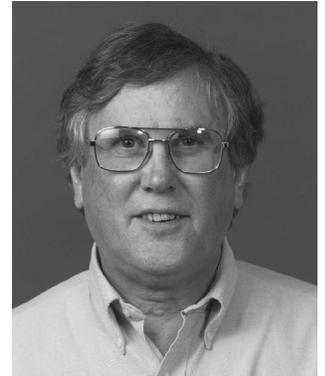
By: Patricia Beall  
Directorate of Toxicology

**Richard A. Angerhofer**, Directorate of Toxicology, retired in November after 33 years of Federal service. After graduation from Delaware Valley College with a Bachelor of Science in biology, Angerhofer was elevated to director of the primate department at Bio/Dynamics (now Huntingdon) Labs in East Millstone, New Jersey.

He received his draft notice and joined the Navy during the Vietnam Era. His experience in toxicology landed him at the Navy Toxicology Unit at the National Naval Medical Center in Bethesda, Maryland for most of his four years of active service.

Angerhofer came to the AEHA/CHPPM Toxicology Division in 1974 as a biologist. Over his career at AEHA/CHPPM, he became one of the Army's leading experts in developmental toxicology, standardization documentation, toxicity clearance procedures and regulatory affairs. He maintained a close working relationship with the Army Materiel Command and especially with the Soldier Systems Labs at Natick, Massachusetts. Angerhofer was the DT study director of many laboratory animal investigations on chemicals of military interest. These included developmental studies in rats and rabbits for compounds such as Abate, DEET, permethrin, RDX, various wood preservatives and thiodiglycol. In the past few years, Angerhofer was involved in the efforts to assist the Russian Federation in demilitarizing their chemical weapons. He worked with his Russian counterparts in writing protocols and analyzing results for embryonic and developmental studies, which required several visits to their facilities in St. Petersburg, RF, Russia.

Angerhofer and his wife Jackie have two children Carolyn and David. He leaves behind many friends but will occupy himself with golf, gardening, fishing, and many other relaxing activities.



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## New Faces

*(continued from page 12)*

**Rachel C. Gross** is a new medical analyst for Health Information Operations under the ORISE fellowship program. She earned a Bachelor of Arts in psychology with high honors from Smith College and a Ph.D. in Public Health from Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland. She worked for a number of years as a researcher at Johns Hopkins before returning to school for her doctorate. Her areas of expertise are health behavior and health communications. In her spare time, Gross enjoys movies, the arts, spending time with her friends and visiting her niece and nephew.



## CHPPM-North Soldiers earn EFMB's

*(continued from page 11)*

The training also included the completion of a grueling litter obstacle course where four-person teams negotiate an obstacle course with obstacles such as streams, deep trenches, mud, concertina wire, narrow passage-ways, high walls, hills, bushes, and trees while carrying a 150-pound (average) patient and, in some cases, wearing NBC protective masks. The training week was followed by 4 days of testing where each soldier was to demonstrate proficiency in all skills described above, plus the successful completion of a comprehensive written examination and a rugged 12-mile forced road march.

Fortunately for the CHPPM-North soldiers, members of the 485<sup>th</sup> Medical Detachment (Preventive Medicine) from Fort Polk ensured their logistics needs were well taken care of. The soldiers enjoyed an excellent dining facility in the field and were even able to enjoy hot showers in the evenings. Instructors and cadre were motivational and genuinely concerned for the success of all of the participating EFMB candidates.

CPT Scott Vice, 1LT Barton Jennings, and 1LT Victor De Armas successfully earned the EFMB. Jennings was the honor graduate for the course and first to complete the 12-mile road march with a time of 1 hour and 54 minutes which set the record for Fort Polk



### ENTOMOLOGY HOSTS GHOULS, GOBLINS, AND WITCHES

On October 31, the Entomological Sciences Program hosted a unique gathering of storybook and movie characters at the program's Consideration of Others Halloween celebration. The festivities began with Dr. Ed (Professor Dumbledore) Evans leading the entourage around the building for the morning security check/parade. The group then moved indoors where each "guest" explained who they were and the important personality traits of their character to the story/movie.

Professor Dumbledore read the history of Halloween to the group and led a discussion on whether Halloween is a satanic holiday that should not be celebrated or is it a fun holiday for kids of all ages. Following the discussion, the group went outside to take turns swinging at the witch piñata. The piñata proved to be a formidable foe and took numerous whackings before losing a leg and spewing forth the candy that was hidden inside. Returning to the building, the group feasted on assorted goodies, to include witches fingers and grog. Following the tasting, time was spent attempting to pin the ghost on the haunted house. Denice (Black Angel) Davison won the event with the best ghost placement. Finally, the group voted by secret ballot for the best costume. Cindy (Wicked Witch of the West) Orwig was the winner! All in all, it was a fun and educational experience and it will be interesting to see who/what will be visiting ESP next Halloween!



The Entomological Sciences Program hosted a unique CO2/Halloween celebration.

Commentary

CHPPM's 4<sup>th</sup> Annual Halloween Party

By: Christine M. Cowan-Shafer,  
Administrative Assistant, Headquarters and Headquarters Company

The CHPPM Family Readiness Group held their 4<sup>th</sup> annual Halloween Party on Saturday, October 26 at the Edgewood Area Gunpowder Club. We had an overwhelming response of participants with over 50 children and 30 adults, all in costume for the occasion.

This year the FRG provided small pumpkins, Trick or Treat bags, and Halloween Treat bags with candy and toys to each child. There were several contests, activities, and games such as pumpkin bowling, reverse apple-bob, scarecrow-making contest, best costume contest, and the most popular event - piñatas! All of the participants from the scarecrow-making contest won a prize as well as every child that played a game. For the older children and adults, there was a scary Haunted House to wander through.

The FRG had many volunteers from the CHPPM workforce and family members of CHPPM personnel. We would like to thank each and every one of our volunteers for helping us put together such a successful and outstanding Halloween Party. We look forward to seeing you at our next event!



(photos provided by 1LT Joseph Hout, Company Commander, HQ, HQ)



(more anniversary ball photos)