

## Chemical Weapons: National Crisis

**JONAS BODA**  
Staff Writer

The world as we know it could cease to be. Chemical weapons are easily built. Terrorists can easily be trained to use them, and the effects of usage are catastrophic.

If a chemical attack was ever to hit Alpena without warning, there is very little recourse. The agents would hit the populous quickly, and efficiently.

Chemical weapons make up part of the trio of Weapons of Mass Destruction (WMDs). The other

WMDs are nuclear and biological.

There are five types of chemical weapons (CW). The oldest are choking agents, such as chlorine and mustard gas. They act corrosively on the respiratory system. The lungs fill with water and choke the victim. They are generally non-lethal by themselves, and regarded as being the most ineffective of the WMDs.

Next we have blood agents. Absorbed into the body primarily by breathing, they cause rapid damage to body tissues. They prevent

the normal use of oxygen by the cells. This class includes cyanide and cyanogen chloride. These agents are most effective when delivered in a surprise attack. Due to their gaseous state, blood agents go away in air quickly.

After this, we have blister agents (BAs). BAs are used to kill; they affect the eyes and lungs and blister the skin. Such agents are simple to produce, and include sulfur mustard, nitrogen mustard, and lewisite. Sulfur mustard is considered by some as the ideal CW agent. It presents both a skin

and respiratory hazard. This requires handling personnel to wear protective clothing, and air filter masks. It is a long term weapon, and doesn't dissipate easily.

The G-series nerve agents cause paralysis of the respiratory musculature and subsequent death, in sufficient concentration. They include tabun, sarin, soman, and GF. These may be absorbed through the skin or by breathing. Some agents, such as tabun and sarin, tend to be relatively non-persistent, creating a short-term respiratory hazard on the battlefield. All

of them are fast acting, and extremely dangerous.

V-series nerve agents are more advanced than G-series agents. They are closely related in construction though. This class includes VE, VG, VM, VS, and VX. The V-series are deadlier and stronger than the G-agents and present an even greater skin hazard.

The V series has no true names, as their existence is not heavily endorsed by the US government. The US government is in the process of building chemical weapons, and as such was

kicked out of a germ warfare treaty signing.

A way to prevent exposure to these CWs could be to hole up in an airtight room with filter air systems, but in general that is too costly for the average family.

Another option is going to the local fallout shelter, this to is pointless. The travel involved sets you up against more toxins, and someone already in the shelter may infect you.

The final option is the most viable, simply wait any threat out, and go on living life as normal.

## Police Memorial Dedicated

**AMANDA BARRIGAR**  
Staff Writer

On August 31st, 2001, ACC graduate Hagop "Jake" Kuredjian fell in the line of duty. He was bravely providing cover for a U.S. Marshal in LA county trying to serve a search warrant. Kuredjian suffered a fatal bullet wound to the left eye. After the incident, Jake's brother, Raffi Kuredjian, made plans with the Criminal Justice Department of ACC to make a wall of honor for fallen officers of the law.

The memorial wall, located in VLH, now contains six names of fallen law officials: Sheriff Duane A. Badder, Officer Gerald L. Carpenter, Trooper Bryon S. Egelski, Trooper Larry Forreider, Officer William F. Keller, and Deputy Hagop "Jake" Kuredjian.



The new Police Memorial, which is dedicated to fallen police officers, is located in Van Lare Hall.

Photo by Sara Lyon

At the dedication ceremony on March 7, family, friends, and city and state troupers all gathered to celebrate the memorial wall. The ceremony included speeches from Raffi Kuredjian and Mike Roy from the ACC Criminal Justice Department. During

his tearful speech, Raffi Kuredjian said that this wall should be a celebration of life, and it should be known that it is a privilege to wear a badge.

The wall is not the only dedication that the Kuredjian family made. They have also made

scholarships possible for students in the Criminal Justice Department at ACC. There is also a scholarship for the LA County Sheriff Police Academy (where Jake also graduated from) in honor of Jake. Contact Mike Roy (7208) for further scholarship information.

## No ACC Nurse; No Problem

**NICOLE HATCH**  
Staff Writer

An ACC Student sits in class bleeding profusely, thinking, "I need a nurse! Do we even have one?"

There are three reasons why ACC does not have a campus nurse, according to Dick Sutherland, VP administrative secretary at the college.

"First of all there has never been a need for a campus nurse at ACC. We run a very safe program and this is a safe campus," commented Sutherland.

He also added that the college has a low number of reported injuries and has an advantage because it is located only 400 yards from the hospital. In the event of an accident an ambulance could be at the scene within three to five minutes; the same amount of time it would take a campus nurse to get there.

A second reason is the lack of opportunity for a nurse in this particular college. There are just not enough accidents to employ one or two nurses. Many of the instructors have been trained in first aid and are capable of controlling a

situation should an accident arise.

Chances are that all a nurse can do in an emergency situation is access the injury, stop the bleeding (if any), and wait for an ambulance.

Third and final is the cost. The college would have to employ two nurses because it holds day and night classes. Two nurses at \$40,000 apiece would add another dollar per contact hour per student.

That's not all of it, though; each student would also have to show some form of insurance because medical care is

costly. These services would not be free to students. Right now because of liability factors the only thing you can get free from the college is a band-aid.

Judy Beyer, a nursing instructor at ACC, is in agreement with Sutherland when it comes to having a nurse on campus. Why have a nurse on staff if you do not need one?

So the next time you're hurt and in need of medical attention while in class the best thing to do is to report immediately to an instructor or dial 911.

### March Issue Retraction

We would like to apologize for an error published in the March issue of *The Lumberjack*.

In the article "Results of Holiday Giving," in the Fea-

tures section of this paper, Alpena Community College's Volunteer Center was mistakenly credited for having created the Salvation Army.

**This spot in the newspaper is reserved for retractions.**

## Teaching Positions Few for Graduates

**ELLEN REEVES**  
Huron Shores

Where have all the teaching jobs gone? They have gone far, far away. In the mid 90's, Michigan anticipated a need for teachers due to staff reaching retirement age.

This prompted college students to apply to Michigan's Teacher Education Programs. At present these students are graduating to find school districts in financial trouble and projecting teacher layoffs.

Scrambling to react to the state's financial crisis, area school boards are meeting to discuss the cutbacks needed to meet their budget.

Tawas Area school board called a meeting February 24<sup>th</sup> to hash through budget solutions, such as retirement incentives, layoffs and program cuts. A Tawas area student, who sat in on this meeting, said, "They might lay off fifteen teachers next year."

So where does this leave Michigan's graduating teachers? SVSU student, Stacie Perkins, said that these jobs can be found out of state. Attending a student teaching seminar gave her some insight to her options.

"They told us Michigan teaching jobs will be very hard to find, and we

should look out of the state for work. Florida, Texas, Georgia, Arizona and California are the top five states in need of teachers." Many students that are beyond the point of changing their majors are considering this move.

Shar Wheatley, an ACC student, was planning to enter Spring Arbor's teaching program. Reacting to the loss of job demand, she investigated the job market on the Internet and enrolled at SVSU, changing her major to social work with a minor in youth and family services.

She said "All but one class transferred into my new education plan and there is a projected 15 percent job increase in this field over the next ten years." She hopes this change in career plan will allow her to continue to live and work in Michigan.

Teaching jobs are still out there, but you have to be willing to move to an area where they are offered. If Michigan is where you want to stay, talk to a counselor about compatible programs that might expand your job choices.

The job market for teachers in Michigan could change, but be ready to accept Plan B, and have it ready to put into action.

### New Michigan Budget Cut (Continued from Page 1)

The most likely solution will cause tuition fees to go up around 6 to 9 percent over the next few years, which will mean about \$5 more per contact hour for in district student, \$7 for out of district students and \$10 for out of state students. This increase will go into

effect for the 2003-2004 school year and continue there forth.

There will still be equipment acquisitions and facility improvements made.

Dr. Newport does not see any dramatic changes occurring. Some changes have to be made in order to remain a strong institution.

"We can't price our students out of the marketplace, out of the opportunity...an access to a better life must be preserved," Dr. Newport said.

These are just some ideas that are not set in stone yet. ACC has to have a balanced budget in place by July 1st. If anyone has comments or

concerns they are encouraged to share them. The executive council and budget committee will review all ideas.

You can email your suggestions to Dick Sutherland, Vice President for administration and finance at <http://www.alpenacc.edu/suggest/savefundsform.htm>.