**UAF people in Hawaii marched through missile alert**

By Meghan Murphy

What’s a scientist to do when a ballistic missile alert comes in?

“We'll go down in glory doing science,” said University of Alaska Fairbanks physics professor Peter Delamere with a chuckle.

He was attending the last day of a physics conference in Hawaii that fellow UAF physics professor Hui Zhang helped organize. Scientists from around the world were at the meeting to discuss space plasma related the sun and the solar system’s planets.

Delamere was chairing a session when the first speaker began. The speaker’s phone, which sat next to the microphone, sounded a beep through the mike.

As the speaker apologized profusely, other phones began to buzz and beep. Everyone in the room looked at their phones and read the same message — "Ballistic missile threat inbound to Hawaii. Seek immediate shelter. This is not a drill."

Nobody knew it at the time, but a state employee in Hawaii had mistaken a missile drill for the real thing and sent an alert to everyone on the island.

“There was a period of silence,” Delamere said, “and finally somebody from the back shouted, ‘Just keep talking!’”

The speaker continued.

“We sent somebody to find out where shelter was,” Delamere said. “They came back and informed that the hotel had no shelter and we were to just stay in place. So our conference carried on.”

Delamare withheld questions so multiple speakers could talk, because if the end was coming everyone want to make a final scientific impact. When an “all clear” message came through the phones, the room breathed a collective sigh of relief and the questions flowed.

“I don't know whether that was the right thing to do, but I've asked several people what would a group of scientists do under the circumstances,” said Delamere. “And it's been unanimous. Everybody has guessed, correctly, that we just kept going."

Delamere and Zhang weren’t the only UAF people in Hawaii during the alert on Jan. 13 a little after 8 a.m. local time. Other UAF faculty, staff and students were there on vacation or as part of a UAF course.

Many said the experience felt like being in the twilight zone.

“It was just absurd — being caught somewhere between ‘This can’t be happening’ and ‘It must be happening,’" said Anna Liljedahl, research director of the Water and Environmental Research Center.

She was in Hawaii on vacation with her husband Jeff Benowitz, a Geophysical Institute researcher.

The two were about to board a return flight to Fairbanks when the missile alert came in.

“The pilots went pale. A flight attendant was crying. I walked up to the ones at the desk and asked ‘What’s the protocol in an open air airport? And they said ‘I don’t know,’” said Liljedahl. Benowitz discovered passengers hiding in the bathroom, which at least had the usual conveniences. Benowitz couldn’t stay, though, because his wife wanted to rent a car and out run the missile.

Elsewhere in Hawaii, UAF geosciences professor Jeff Freymueller called his wife to explain the missile alert and say, “I love you.” He then searched the hotel for his 17 students and two teaching assistants.

He told those he found, “We’re going to stay here for the moment until we figure out what’s going on, but let’s just pack for the day … and I guess stay away from the windows.”

Some students heeded his advice, while others cried.

Students from all over the nation had flown to the Big Island to take Freymueller’s week-long class on volcanology. They were staying in a 100-year-old hotel with thin plywood walls on an exposed mountainside.

Frueymueller realized there was nowhere to run. But he also figured only five minutes remained before they would perish or at least be prepared to continue the day’s lessons.

He explained that it takes a ballistic missile 30 minutes to travel between the United States and Russia. He learned this during the Cold War when nuclear tensions were critical between the U.S. and then Soviet Union.

Freymueller assumed the missile hitting Hawaii might be coming from North Korea due to recent political tensions, but it would take less than 30 minutes — maybe 20? And it had probably taken 10 minutes for Hawaii officials to detect an incoming missile and then alert people via phone. So in about five minutes, they should be in the clear. A phone alert soon confirmed it.

He gathered the students to begin their hike.

“The rest of the day was totally normal,” he said, “until a student stepped on a sea urchin.”

The rest of the day, however, didn’t seem so normal to UAF fiscal technician Julene Gavin, who was in Hawaii on vacation with her parents and son.

People on her bus tour were still receiving incoming missile alerts on their phones hours after the missile alert crisis was allegedly over.

Gavin never received the alert herself. She learned of it from the 12 other people who received it as the group traveled down eight floors in an elevator.

When the elevator opened, the group went to the hotel’s front desk and asked what they should do next.

“The clerk replied, ‘I’m sorry. You’ll have to wait. I’m checking somebody in right now,'” said Gavin.

They then asked the bellhop if he knew what to do. He said he didn’t and then just stared at the sky.

“It was just weird,” Gavin said. “It was just really weird.”

She said some people outside the hotel were running while others were just lazing about. Since no one knew what to do, Gavin and her family waited for their scheduled tour bus, which was 20 minutes late.

They began casually discussing the missile alert with people at the same bus stop who were going to a golf tournament. Who knew the nuclear apocalypse would be so pedestrian?

Nancy Bigelow, director of UAF’s Alaska Quaternary Center, also decided to march on with her vacation during the missile alert.

She was renting a room from people who lived in Hawaii and were still in the house.

“It was clear that no one in the house was doing anything. No one was going anywhere,” she said. “So I just continued eating breakfast and planning my day.”

*Meghan Murphy is a public information officer at the UAF College of Natural Science and Mathematics. She can be reached at 907-474-7541 or* *mmmurphy3@alaska.edu**.*

Cutlines:

*Screenshot courtesy of Nancy Bigelow*
Nancy Bigelow, director of UAF's Alaska Quaternary Center, took a screenshot of the missile alert message and the one that followed, which said the first was a false alarm.

*Screenshot courtesy of Jeff Freymueller*
UAF geosciences professor Jeff Freymueller posted a Facebook picture of his volcanology class members happily hiking after the missile alert scare but before a student stepped on a sea urchin.

*Photo courtesy of Julene Gavin*
UAF fiscal technician Julene Gavin, right, poses with her son, mom and dad while on vacation in Hawaii.