

A TRIBUTE IN SONG

Nez Perce Elder and Great-Great Grandson of Chief Joseph, Roy Hayes Jr., sings a prayer for a departed loved one at the Cottage Grove Library Saturday afternoon as part of Native American Cultural Events this month. The last event will be at the library this coming Saturday, Jan. 23, from noon to 3 p.m. The events include singing, story telling, Native American flutes, learning to bead and do leatherwork, Native American artifacts will also be on display. Hayes has appeared at the Cottage Grove Library many times in recent years.



photo by Bruce Kelsh

APRO

Continued from page 1A

Aprovecho has been working to design its own cleaner-burning, inexpensive cookstoves for some time now, and about 10 years ago, Still said Apro tasked itself with making equipment that could measure how clean — or dirty — a stove was burning.

“We couldn’t quantify the carbon dioxide or carbon monoxide stoves were producing, so we had to start building equipment to measure it,” he said.

Since then, Aprovecho has worked to develop the Laboratory Emissions Monitoring System, or LEMS, a “package solution” to quantifying emissions that can be set up and operated inexpensively anywhere and without much training for its operators. Bentson and others, meanwhile, have tackled specific aspects of the march toward more accurate cookstove measurements.

A few years back, at a conference hosted by the Global Alliance for Clean Cookstoves, Bentson learned that the International Standardization Organization, or ISO, had changed its rules for measuring smoke emissions without specifying

VIETNAM

Continued from page 3A

compassionate, behind-the-scenes look at what the kids were going through and what many of them came home to, including its long-term effects.”

It’s a project decades in the making for Waszkiewicz and Jones, who penned original mu-

LANCASTER

Continued from page 3A

accomplished thus far. He has sat with the Council as its youth representative through the Youth Advisory Council, served as president of his class at Kennedy High School and captained state-champion chess team at Cottage Grove High School. When assigned to study the Ninth Amendment of the U.S. Constitution, Lancaster went several steps further, studying the constitutions of nations

how those new standards were to be met. Bentson thus took up the task of designing a system that would allow laboratories to cheaply and accurately make those measurements. His solution — a pump-and-filter system that showcases the cleanliness or otherwise of a stove by the color of the filter through which its smoke has passed.

“Had he not invented that system, nobody would be able to measure smoke particulates,” Still said, “and Sam’s work was a major part of getting those 30 laboratories funded.”

Recently, Bentson undertook another quandary with regard to measuring stove efficiency. Climate change researchers, Still said, believe that if the amount of soot or “black carbon” that falls on snow worldwide were reduced, it could be the fastest and most effective way to deter climate change. But there wasn’t a reliable way to measure black carbon until Bentson set about to perfect it.

A company had created a way to photograph a filter through which smoke had passed, then send that photograph to the company for analysis of the amount of black carbon the

filter contained. The problem, however, was that too much soot was making it onto filters to be accurately measured.

“I worked out a way to make samples that were in range of their system,” Bentson said, explaining that he sized down the pump-and-filter mechanism so that appropriate amounts of pollution were released that could then be measured.

Elsewhere on the Aprovecho “campus,” Alex Seidel has worked to streamline the mechanism at the heart of each testing laboratory.

“The electronics are pretty much the same,” Seidel said. “But these machines are getting faster and easier to make. They’re more robust, easier to use and more accurate.”

The original system, Seidel said, was about the size of a clothes dryer. Today’s version is scarcely larger than a loaf of bread. Seidel and Karl Walter have also worked to develop a small emissions monitor that can be used to take measurements inside the home, and Seidel said studies using real-time data gleaned from tests using these monitors are taking place in many locations in Africa.

At Aprovecho, one can also find Andy McClean, former fire marshal at South Lane County Fire and Rescue, working to design and manufacture more efficient stoves.

“The LEMS shows us how to make better stoves, and we make those stoves here,” McClean said. “Dean has the ideas, and I make them a reality.”

Thus, Aprovecho’s famous Rocket Stove now sports a computer-driven fan to direct its emissions outside the home, and the FireFly Lantern offers light and cooking ability in the kitchen.

“We didn’t invent the top-light, updraft stove, but Andy made it work,” Still said with pride. Aprovecho has now formed a for-profit organization to sell its stoves, with revenues put toward funding its research in a cycle that means the organization doesn’t always have to rely on outside funding.

“It’s science aimed at solving a problem on a more practical level,” Still said of Aprovecho’s work. “If we didn’t do it, it probably wouldn’t get done. And we don’t just design the solution. We make it, manufacture it and sell it, too.”

sic for their film’s soundtrack 20 years ago in the folk-rock style of the 1960s. The photo book “1000 Yard Stare” is comprised of 300 pages of photographs taken by Waszkiewicz himself, which the duo began compiling in 2010. They’re hoping the book and film can be released

this year, and funds are currently being raised to hire a grant writer.

“The goal is to get veterans of every generation talking together about their experiences,” Jones said.

Songs at Saturday’s presentation will be presented by Buf-

falo Romeo, a duo that includes Jones and his step-grandson Keenan Dorn. They will perform during the multimedia portion of the show and afterward for a \$3 cover charge. A meet-and-greet with the producers begins at 6:30 p.m. with the presentation scheduled at 7 p.m.

including England, Germany, India, Japan and South Africa, then authoring his own.

Among the rights outlined in Lancaster’s “People’s Constitution” are the right of citizens to travel freely, to operate a vehicle if they can prove they are able to do so and the right of soldiers to “take battle trophies in war as long as they are not inhumane” or indecent.

With regard to Cottage Grove’s needs for its legislative body, Lancaster said a “visual

change” could be achieved by cleaning up the moss that litters sidewalks. He advocates the use of Cottage Grove Scrip, a local currency that he says is underutilized, and would support the construction of another hydroelectric dam at Cottage Grove Lake to match the one at Dorena Reservoir.

“We have a geographical opportunity to exploit that source of energy,” he said.

Lancaster said he’s also busied himself reading all of the

paperwork the Council receives before each meeting, in addition to trying to master the “eyes and seconds” of its rules of order. He said that if he’s appointed to the Council, he’ll likely delay school so that he can serve.

On Monday, City Manager Richard Meyers said he has no idea which way the Council will lean when appointing a candidate.

“We’ve got four good candidates,” Meyers said. “It’ll be all up to them to decide.”

Visit to CG inspires fiction novel

Aubrey Russell is a novelist who has an endearing soft spot for Cottage Grove. “Not only did I fall in love with Cottage Grove, I fell in love with one of its beautiful women,” Russell said, when reflecting on a visit here a number of years ago that eventually led to his new fiction novel, “To Slay the Lonesome Night.”

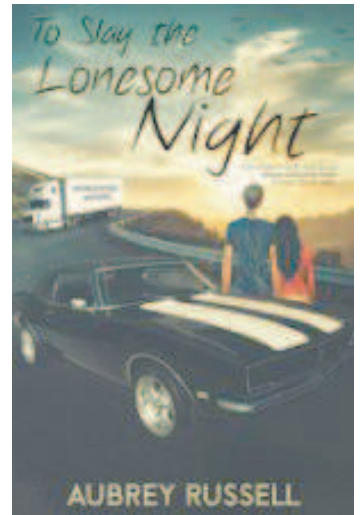
The story recounts a road trip Russell and a friend took to Canada the summer after graduating from high school with an extended stay in Cottage Grove.

“It was an exciting trip that both of us looked forward to,” Russell said, “and it ended up being a surreal journey that brought the unexpected with it. Those unexpected events are written about in the novel, and the reader is in for a pleasant, stimulating, but at one point very dangerous ride.”

Russell, a former print journalist, said he always wanted to put his pen to the story, and finally, after retiring from his job as a reporter and launching a freelance writing career, coupled with grown children out of the house and on their own, it was time and opportunity to get serious and get the novel written.

How does Cottage Grove fit into the story?

“My (our) stay in Cottage Grove is really the heart of the



story, the same part of the story. It takes up two full chapters and a part of a third. It’s in Cottage Grove that we became men instead of boys,” Russell said.

Russell, who lives in California’s Central Valley, once again visited Cottage Grove a few years ago. He even stopped at the Sentinel for a guided tour and stayed for a few days.

“Yes, I wanted to retrace my steps and I found Cottage Grove the same small and charming town I remembered it to be. I hope readers here, especially young readers, will enjoy reading a story that takes place in their town, at least the most important part. I plan on coming back someday. There are still a few covered bridges I haven’t seen.”

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