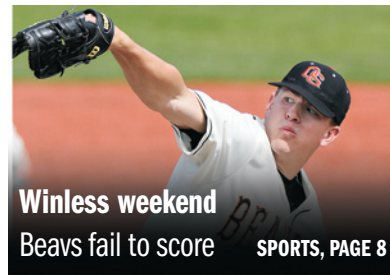


60/45
Mostly cloudy with a chance of showers; gentle Northwest winds.

The Daily Barometer



Winless weekend
Beavs fail to score **SPORTS, PAGE 8**

Oregon State University, Corvallis, Ore.

dailybarometer.com

Vol. CXI No. 142

Public policy at OSU: part 3

Professor looks at English as Second Language policies

■ Integration, not segregation, key to welcoming students in educational environment

By Candice Ruud
THE DAILY BAROMETER

Kathryn Ciechanowski imagines a world where Spanish speaking students aren't segregated from classrooms to learn English at a young age.

Ciechanowski, an assistant professor of English for Speakers of Other Languages (ESOL) and bilingual and literacy education, understands the needs of her students for whom English is a second language.

Being half-Peruvian and growing up in a household where she was fluent in both Spanish and in English, Ciechanowski appreciated her multicultural heritage. She valued the opportunity to communicate with many more people with two languages than she could have if she were limited to one.

"I believe that knowing multiple languages and cultures is an asset, not a problem or hindrance," Ciechanowski said. "My mom is from Peru, and I love knowing Spanish and English and experiencing Peruvian culture."

In 2006 Ciechanowski completed a study called "The Everyday Meets the Academic: How Bilingual Latino/a Third-graders Use Sociocultural Resources to Learn in Science and Social Studies." As a part of this study, Ciechanowski spent time with third- and fourth-graders from a bilingual school in the Midwest, studying social studies texts and relating the patterns in the books to their own lives.

For instance, students who grew up in either Mexico or Central America or visit family there found that the idea of glaciers was difficult to conceive because of their region's warm, often tropical climate. Other naturally occurring phenomena such as earthquakes were understood by those students who had experienced them.

"They had a hard time making sense of the abstract idea of a glacier and how it erodes the land," Ciechanowski said. "They often drew knowledge from the popular movie 'Ice Age' and used the images from the movie to make sense of glaciers. This was a resource for them, although it introduced inaccuracies, too."

Ciechanowski is currently beginning new research. She will work with third- and fourth-grade teachers and an ESOL specialist to teach English language development to native Spanish speakers in other academic areas such as science, history and art.

The research will help ensure that students who are learning English as

See **BILINGUAL** | page 3

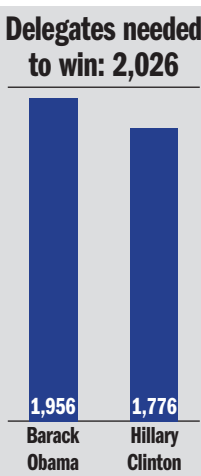
See page 2 for Election 2008 full coverage

Obama nears nomination



GREG WAHL-STEPHENS | THE ASSOCIATED PRESS

Supporters of Barack Obama Aiden Bozman, 4 years-old, held by his mother Amber Bozman celebrate on Tuesday.



RICK BOWMER | THE ASSOCIATED PRESS

Bernard Wilbur Parks Jr., a supporter of Hillary Clinton looks on at Oregon campaign headquarters Tuesday.

OREGON PRIMARY ELECTIONS

results as of 11 p.m.

Democrats



U.S. President

58%
Barack Obama
42%
Hillary Clinton

Republicans



82%
John McCain
15%
Ron Paul

"Together we can change the direction of our nation."

Merkley, to supporters



U.S. Senator

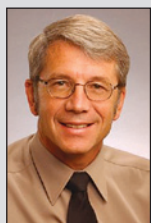
45%
Jeff Merkley
41%
Steve Novick

85%
Gordon Smith
14%
Gordon Leitch

Smith is preparing for the fall election contest with full page ads highlighting his support from Democrats and separating himself from the GOP.

"Democrats are campaigning on the issues that really matter to Oregonians."

Schrader on his strategy



U.S. Representative district 5

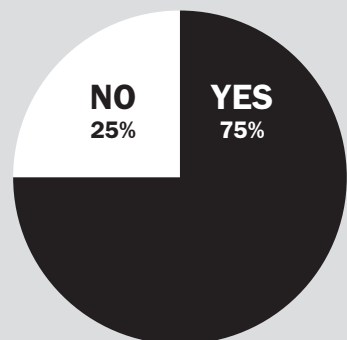
54%
Kurt Schrader
20%
Nancy Moran

52%
Mike Erickson
43%
Kevin Mannix

"People are tired of negative campaigns, tired of lies."

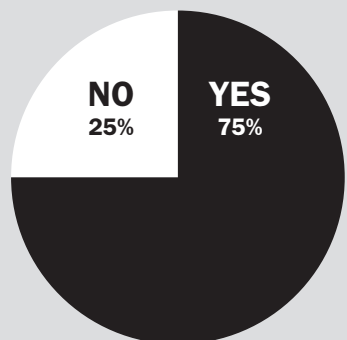
Erickson on the campaign tactics of Kevin Mannix

Measure 51

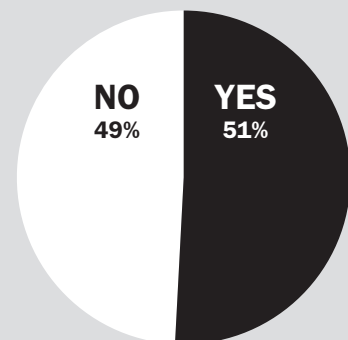


"Yes" vote provides crime victims effective court processes to enforce existing constitutional rights regarding participation, restitution in criminal prosecutions/juvenile delinquency proceedings; authorizes implementing legislation.

Measure 52



Measure 53



"Yes" vote allows civil forfeitures for crimes similar to crime of conviction, permits proceeds to be used for law enforcement; other changes.

Kentucky primary

WINNERS

D — Hillary Clinton
R — John McCain

Democratic party results

Hillary Clinton, U.S. Senator (NY) 65%
Barack Obama, U.S. Senator (IL) 30%

Republican party results

John McCain, U.S. Senator (AZ) 72%
Mike Huckabee, Fmr. Governor (AR) 8%
Ron Paul, U.S. Representative (TX) 7%

In primary elections, registered voters choose which candidate they would want to represent their party. The Democratic Party uses proportional representation to award delegates to a candidate. The Republican Party uses a winner-take-all system.

Information from vote-smart.org and CNN.com

Election put values in spotlight for Ore. Democrats

THE ASSOCIATED PRESS

Preliminary presidential candidate results for Democratic voters from a phone poll conducted for The Associated Press and television networks during the past week in Oregon's vote-by-mail primary:

Race and gender

The overwhelming majority of Oregon Democratic voters said neither race nor gender was an important factor in their vote, despite the historic significance of the first black man and the first woman battling for the Democratic presidential nomination.

Values

Slightly more than half of Oregon

voters felt that both Clinton and Obama shared their values. But those who felt that only Obama was trustworthy outnumbered those who believed that only Clinton was trustworthy about 3-to-1. About two out of five voters believed neither was trustworthy.

Change vs. Experience

About half of Oregon voters said the ability to bring about needed change was the most important candidate quality while about one in five said experience was more important. Both candidates have pushed for change but Obama has made it his central campaign theme while Clinton has empha-

sized experience.

Issue differences

Oregon voters ranked the economy the most important issue, but it was the top issue for less than half of them. About three in 10 said Iraq was the most important issue in deciding their primary vote while health care was third with two in 10 ranking it as most important.

About two-thirds of Oregon voters said the economic slowdown had affected them while only one in four believed it was a good idea to suspend the federal gas tax this summer, as Clinton has recommended and Obama has criticized.

Assertive Cancer Patient speaks to writing as help

■ Author Jeanne Sather speaks out on cancer, being assertive with doctors, health care

By Daniel Acee
THE DAILY BAROMETER

Jeanne Sather has found that the best way to handle a potentially deadly disease is to sit down at a keyboard and start writing.

Tuesday, author Jeanne Sather of "The Assertive Cancer Patient" spoke to faculty, staff and students of OSU. Sather spoke of her life with cancer and the importance of being an assertive cancer patient.

Deanna Kingston, associate professor for the anthropology department, discovered Sather's blog online while doing research as she was undergoing treatment for cancer.

Kingston had many topics she wanted to discuss with Sather, and felt it would be a positive educational opportunity to bring her to OSU.

With help from the anthropology department, the women studies program and the Women's Center, Sather's visit was fully funded.

"We (Sather and Kingston) hadn't even talked on the phone before, just through e-mails," Sather said. "We haven't stopped talking since she picked me up from the train station yesterday, and we haven't even gotten to our list [of topics discussed over e-mail] yet."

Sather was diagnosed with cancer
See **CANCER** | page 3

OSU presenting 25 new patents

■ LaSells Stewart Center display showcases faculty innovations

By Gail Cole
THE DAILY BAROMETER

At a research university like OSU, patents have a greater impact than one may think.

Twenty-five patents have been on display in the Hall of Patents at the LaSells Stewart Center since May 12.

The patents are being displayed through May 30 with the help of the OSU Office of Technology Transfer.

The OTT helps OSU researchers in the legal aspects of obtaining patents.

Shelley Houghtaling, director of university events, said researchers are honored to make it through the whole patent process.

Houghtaling said it is important for the OSU community to see what an impact faculty are making on the world.

"The researchers are doing such incredible things," Houghtaling said.

Patent recipients will be honored at an invitation-only breakfast at LaSells on May 22.

"Predominantly we are focusing on faculty," Houghtaling said.

Such kinds of research and creativity are very lucrative — OSU has received \$2.5 million in patent-licensing income in the last fiscal year.

The entire OSU community benefits from the financial aspect of new patents.

According to the OTT website, if a patent generates \$100,000 or more in royalty revenue, OSU receives 35 percent of the income.

The inventor and department behind the patent receive 30 percent and 35 percent respectively.

See **PATENTS** | page 3

CANCER: Article campaign takes health insurance talk international

■ CONTINUED FROM PAGE 1

nine and a half years ago at the age of 43. She was a single mom with a temporary job that was about to end, and her health insurance ended when her job did.

Sather underwent multiple treatments and was told by the doctors that her life expectancy was "on the slim side" of an 80 percent survival rate.

After treatment had temporarily controlled the cancer, Sather's doctor found a tumor in her arm that weakened the bone and caused it to break.

Sather continued to experience problems with cancer, as she was diagnosed as also having bone cancer and melanoma.

To earn money to support her medical costs and her family's costs, Sather began writing.

"I started writing a weekly column called 'Jeanne's Battle,' which as I had seen was the first cancer writing that was in the moment," Sather said. "All the other articles I had seen from people living with cancer were written after the fact."

Sather moved from the column and found that writing an online blog — a medium in which others could contribute — would be a way to calm down and let others share similar experiences.

"I am more relaxed after I write my thoughts out, and it lowers my blood pressure too," Sather said. "Blogging is great because others can share similar stories and problems they encountered in treatment."

Through the interactions between blogs and comments, cancer survivors are able to learn from each other and create support groups online.

Despite the serious topic at hand, attendees of Sather's presentation found laughter in comments made by Sather and audience members.

Sather outlined the discussion with a list of topics referencing moments of her life with can-

cer: death, health and happiness, health insurance, her search for a Canadian husband, high cancer-drug costs and errors in medical bills.

Sather said that if the United States had national health insurance, cancer patients would not struggle with money as greatly as they do now.

"There is an underground movement right now involving brave social workers, nurses and poor cancer patients that cannot afford the high cost of cancer meds," Sather said.

"Cancer patients donate their extra medicine left over after treatment and give it to others that cannot afford it. This is much better than the government's recommendation of mixing leftover medicine in dirty kitty litter and throwing it away."

At one point Sather ran an article in newspapers of countries around the world that have national health insurance. The focus of the article was her hope to get someone to marry her so she could make her cancer treatment affordable.

The article told of her struggles with supporting her kids while being able to pay for her treatments. Her many costs include a \$10,000 bottle of medicine that she has to purchase every three months.

Overall, Sather's main message to cancer patients is to be active in the process of receiving treatment.

"This is my life, my disease, and I am in charge," Sather said. "If you tell me 'this' is what I have to do, I will question it."

"Don't be afraid of making your doctors angry — assertive patients should train their doctors to not become upset no matter how often you call about symptoms. If you can't train a doctor to help you, then find one that works."

Sather's blog has created an uprising of cancer blogs since she began hers one and a half years ago.

If you are interested in reading Sather's blogs or would like to contact her, go to assertivepatient.com.

▼
Daniel Acee, senior reporter
news@dailybarometer.com, 737-2231

Merkley defeats Novick in Ore. Senate race

By Julia Silverman And Brad Cain
THE ASSOCIATED PRESS

PORTLAND — Backed by national Democrats, Oregon House Speaker Jeff Merkley pulled out a victory Tuesday in the U.S. Senate primary, fending off a tough challenge from an insurgent opponent.

He'll face two-term incumbent Gordon Smith, the lone Republican senator on the West Coast, after defeating Portland lawyer and activist Steve Novick in the primary, 45.6 percent to 41 percent, with minor candidates cap-

turing the remainder of the vote.

The seat is expected to be one of about a dozen that's targeted by Democrats hoping to get to a 60-vote majority in the Senate. National Democrats have already signaled their interest in the race, with the Democratic Senatorial Campaign Committee pouring \$300,000 into television ads in the waning weeks of the primary as Smith ran his own ads attacking Merkley.

On Tuesday, Merkley picked up on the refrain of

likely Democratic presidential nominee Barack Obama, who won a resounding victory in the Oregon primary on Tuesday.

"Together we can change the direction of our nation," he said, as the crowd roared back "Yes, we can," echoing Obama's now famous call-and-response line.

Merkley also hinted at the playbook Democrats will use over the next five months, linking Smith's name with President Bush as much as possible in his speech.

BILINGUAL: Inadequate language policies create divides in youth science instruction

■ CONTINUED FROM PAGE 1

a second language aren't missing out on education in other academic regions that could be vital to their future success.

In many cases, Spanish-speaking children in American schools are pulled to the side for remedial teaching. The intention is for them to become acquainted with the fundamentals of the English language so they can learn to speak it as quickly as possible; but this kind of education lacks emphasis on other important academic skill sets. These students miss out on crucial lessons in subjects like science, because while their English-speaking peers are learning about the planets and the stars, they're learning the building blocks of English.

"Hopefully, cooperatively we can develop a model for integrating content and language teaching that will be successful so that English language development will be taught within the regular classroom, instead of being pulled out and separated from content area instruction," Ciechanowski said.

She stresses the importance of science education for all children in today's society.

Children who are instilled with an early appreciation and understanding for science are more likely to follow it into higher education and potentially into their careers. Science-oriented professions are high-paying, prestigious in status and currently in demand. If Spanish-speaking students miss out on these early lessons, they may be cut short in terms of potential.

Ciechanowski believes that Spanish-speaking children who learn English as a second language should be applauded for becoming bilingual at a young age, and that they should be used for their assets instead of being viewed as having a disability.

In relation to public policy, Ciechanowski is fighting for classroom legislation under which Spanish-speaking students learning English aren't torn from their regular school studies to learn the alphabet in a remedial setting.

"English language development instruction needs to be part of their regular school day so that they are not segregated, separated, or tracked into less enriching instruction," she said.

Ciechanowski also urges the voting public to fight policies that make the children of immigrants scared to go to school each day because they live in fear that they will return home to find that their parents have been approached by the Immigration and Naturalization Service.

"We need sensitive immigration policy that allows children to feel nurtured and supported so they can attend school and learn in peace each day."

Finally, Ciechanowski asks that native English speakers embrace the gift that these learners of second languages can provide the global market and economy.

"People who know different languages are more sought-after in the job market and more skilled at living in this global, international and multilingual world."

▼
Candice Ruud, senior reporter
news@dailybarometer.com

PATENTS: Expensive process takes time

■ CONTINUED FROM PAGE 1

The inventions being honored are highly various.

One such invention is a microprocessor-controlled carbonation system that provides heightened flavor to nutritious foods such as fruits and vegetables. This system makes these types of foods more appealing to consumers.

Electronics in the automotive and military markets can potentially be improved due to the invention of a new semiconductor channel material that is easier to manufacture.

Also, consumers will be soon able to purchase another invention, the Winema potato, a visually appealing red-skinned variety of potato.

These inventions and others involve collaborations from researchers from all over the United States.

According to the OTT website, an invention or discov-

ery that can be patented is any "useful, non obvious and novel device, manufacturable article, machine, composition of matter, process or new use of or improvement to an existing invention."

Things that are intangible, such as ideas or thoughts, can not be patented.

The credited inventor of a patentable article must be someone who has helped in the conception of the invention.

According to the website, the conception of the invention is the formation in the mind of the inventor of a definite idea of the complete invention as it is to be practiced.

Having an invention patented is a very challenging process. In order to receive a patent, inventors must apply to the U.S. Patent and Trademark Office and withstand up to three rounds with a patent examiner.

"It's only after you've had the review from the patent examiners... is when [the patent] becomes issued," said Mary

Foley, assistant director of OTT.

"The real test of whether you have a good, novel idea is if [a patent is] issued, because you've had to compete against similar ideas," Foley said.

The entire patenting process can cost anywhere from \$10,000 to \$100,000 in the U.S., according to Foley.

Foley also said inventions that do not appear to be unique are more expensive to patent because they require attorneys to spend time litigating with patent examiners.

Inventors license their patents to generate revenue for their inventions.

"When you license, you give the right to that selected entity... to actually use your invention," Foley said.

In the 2007 fiscal year, members of the OSU faculty have filed 25 new patents, with 19 patents issued, 39 licenses and options executed and 54 invention disclosures.

▼
Gail Cole, senior reporter
news@dailybarometer.com, 737-2231

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