

# *Jacqui Krawetz*

**work**  
*marketing  
design  
photography*

# Brochures

## Venting Solutions A Resource Guide



**Orton**  
Ceramic Foundation

### WHY VENT A KILN?

Venting is important to bring air into the kiln for successful firings, and to remove fumes from your work area. Orton down-draft vents do both very well.

**Why is it important to have air in the kiln?**  
Oxygen is required for fuel to burn and for the kiln to fire properly. Many problems with color, glaze melt and porcelain millefiori occur because of too little oxygen in the kiln.

### What happens to air in the kiln?

The products we fire contain organic materials. These react with oxygen to form carbon monoxide early in the firing. During firing, the gases in the kiln expand just like air in a hot balloon. These gases are forced out through cracks and holes, making it difficult for new air to enter the kiln.

### How does a KilnVent™ help my firing?

The Orton down-draft vent pulls fumes out of the kiln, allowing air to enter. Electric kilns are naturally hotter at the top. With a KilnVent™, hot gases near the top of the kiln are drawn down, providing better temperature uniformity.

### Are there any health and safety issues?

Testing has shown that carbon monoxide produced during firing can be higher than accepted government (OSHA) standards, [35 ppm (0.0035%) for continual Exposure or 200 ppm for short term exposure]. Carbon monoxide can produce headaches, fatigue, sore throats and nausea. Fumes from kilns also contain organics, volatile metals, fluorides and sulphur oxides, which should be removed from the work area.

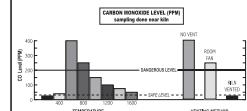


Chart on greenware firing. From study by Parker Reist  
University of North Carolina - 1984

### VENTS VS. HOODS

**What's the difference between a down-draft KilnVent™ and a hood?**  
A down-draft KilnVent™ is a patented system which removes all fumes and odors from the kiln while at the same time bringing in air to improve firing conditions. A hood system does not remove fumes from the kiln, but instead lets them already entered the room. There are no firing benefits and only up to 85% of the fumes are removed. Conditions in the kiln are not improved with hoods.

### What are some of the benefits of a KilnVent™?

Air brought into the kiln replaces carbon monoxide and adds oxygen needed for best firing results.

Hot gases are circulated

through the kiln, providing

more uniform temperatures.

Oxygen in the kiln reduces

corrosion of metal heating

elements and Kiln-Sitter™

parts, increasing their life.

Costs less than a percent an hour to operate. It requires 80% less make-up air than hoods above the kiln and saves up to \$1/day for heating or cooling makeup air as compared to hoods. A KilnVent™ costs less to buy.

Manual venting is eliminated. No more touching the hot kiln to lower the lid or replace peephole plugs. The kiln stays closed throughout the firing and cool-down is quicker (4-6 hours) than without opening the lid.

Down-draft venting removes essentially all fumes. It does not significantly increase firing time or affect the ability of the kiln to reach temperature.

Most kiln manufacturers recommend and sell down-draft venting. It is easy to install with no overhead pulleys.

**DOWNDRAFT VENTING IMPROVES FIRING CONDITIONS IN THE KILN, WHILE REMOVING FUMES FROM THE KILN AND WORKROOM!**

### SPECIFICATIONS

#### KilnVent™ Stand

electrical: 115V, 60 Hz  
1.1 amp household current  
motor: 79 CFM  
shipping wt.: 24 lbs. - 18"

includes stainless steel frame and plenum, durable blower with in-line power switch, cord/plug set, two drill bits, sample cones, 8" of 4" diameter aluminum ducting

#### KilnVent™ Suspended

same as stand plus 2 springs and hooks  
shipping wt.: 16 lbs.

#### KilnVent™ KilnMount

same as stand except made from aluminum  
includes installation kit  
shipping wt.: 12 lbs.

#### KilnVent™ PlateMount\*

same as stand  
shipping wt.: 16 lbs. for 18" PlateMount  
21 lbs. for 24" PlateMount

#### KilnVent™ Jr. Version

electrical: 115V, 60 Hz  
1.1 amp household current  
motor: 60 CFM  
shipping wt.: 11 lbs.

#### KilnVent™ FloorMount

includes stainless steel frame and plenum, durable blower with in-line switch, cord/plug set, two drill bits, sample cones, 8" of 4" diameter flexible aluminum ducting, one adjustable connector assembly  
To vent 2 kilns, order a second connector assembly.  
(Floor Mount Expansion Kit - FMEX)

KilnVents can also be supplied with 208-240V, 50-60 Hz motor. Shipped without in-line power switch. Electrical plug is optional.

\*Also manufactured under license by Skutt Ceramic Products and sold as EnviroVent™.

### VENT Q&A

Commonly asked questions about selecting and using a down-draft vent:

#### Will using the Orton KilnVent™ make my firing take longer?

Down-draft venting pulls only a small amount of air out of the kiln, so very little heat is removed and firing times are about the same. For some kilns, a high temperature firing may take a little longer.

#### Will I use more power?

Down-draft venting uses 80% less make-up air than hoods, saving up to \$1/day for heating and cooling. It costs less than 1¢/hour to operate.

#### Is the Orton KilnVent™ hard to install?

KilnVent™ is easy to install. We provide drill bits and you can use them to pilot them through the soft fire brick. Once the holes are drilled, The vent plugs can be used to turn vent on or off.

#### How do I use the Orton KilnVent™?

Your kiln lid and peepholes stay closed during firing (except to check with cones). Fumes are pulled out of the kiln and exhausted through the ducting and exhausted from the room through aluminum ducting (provided). As the fumes are removed from the bottom of the kiln, fresh air enters through hole(s) in the top.

#### What's the difference between the Orton KilnVent™ and a hood type vent?

Down-draft venting improves firing conditions in the kiln while a hood type vent only removes fumes from the room without removing them from the kiln. Hoods can only remove fumes that have already escaped from the kiln into the room. With down-draft venting, temperatures in the kiln become more uniform, your glaze colors and the life of heating elements is extended. Plus there are no pulleys or overhead brackets to get in the way.

#### Similar to EnviroVent™

PlateMount

installs into most kiln stands having

at least a 12" x 12" opening and a

9" stand height

use with existing kiln stands or kilns

with special support frames

worlds with kilns up to 14 cu. ft.

8" tall, standard plate are

18" x 18" or 24" x 24"

## KilnVent™

### SELECTING AN ORTON KILNVENT™

1. Determine the type and size of kilns that need venting

2. Use the chart below as a starting guide. Call with questions

3. Most kilns will use either the stand or platemount

#### KILN TYPE      VENT

round top loading  
-9" Stand

PlateMount

Stand KilnVent™ Jr.

floor Mount

top loading box

two kilns

large kiln, low stand

large or tall kiln

special stand

kilns over 14 cu. ft.

PlateMount

use two vents

PlateMount

Stand KilnVent™ Jr.

floor Mount

Suspended

two kilns

large kiln, low stand

large or tall kiln

special stand

kilns over 14 cu. ft.

### INSTALLING AN ORTON KILNVENT™

• installs easily using twist drills (provided) to bore a small hole(s) in soft fire brick in kiln lid and bottom

( typical 1/4" hole size )

• run ducting to outside or into existing building exhaust system

• several vents can be connected together to a central exhaust system

### COMPLETE INSTRUCTION MANUAL AND EXPERT TECHNICAL SUPPORT

### Models Available



PlateMount

Similar to EnviroVent™

Junior

used for small and smaller test kilns

fits under the kiln, replaces

existing stand

use with existing round or multi-sided,

top-loading kilns

12" x 12" x 9" tall

Junior

used for small and smaller test kilns

fits under the kiln, replaces

existing stand

use with existing round or multi-sided,

top-loading kilns up to 2 cu. ft.

12" x 12" x 9" tall

KilnMount

fastens to side or back of kiln

for use with front-loading kilns

and shuttle or batch kilns

works with kilns up to 14 cu. ft.

12" x 12" x 8" tall

This was a promo/info piece I redesigned to conform to branding. The vent models had changed so new photographs and descriptions were needed. I took all the photos, dropped out the backgrounds and revised the copy. The vent illustration was redrawn digitally based on existing drawings. This 4" x 9" brochure was created using QuarkXPress, Photoshop and Illustrator.

# Brochures



## Why donate?

The State Library allows many to experience the joy of reading, companionship, entertainment, and education. Your gift helps future generations experience the same great service you receive today.

Please consider including Talking Books in your future plans today.  
On behalf of our patrons...  
Thank you!



**State Library  
of Oregon**  
**Talking Book  
and Braille Library**

### PHONE

503-378-5389

### TOLL FREE

800-452-0292

### WEB

[www.ORTalkingBooks.org](http://www.ORTalkingBooks.org)

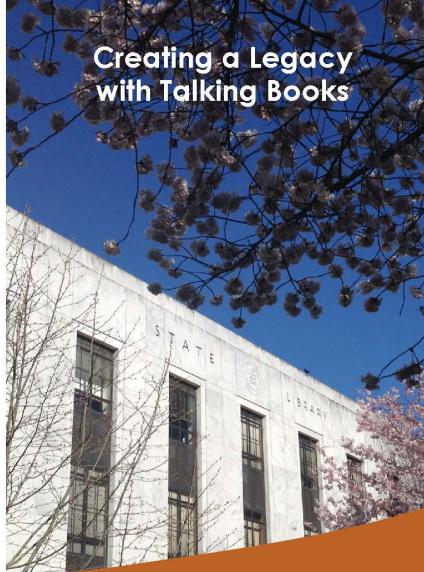
### EMAIL

[talkingbooks.donations@state.or.us](mailto:talkingbooks.donations@state.or.us)



**State Library of Oregon**  
**Talking Book and Braille Library**

## Irene Price Society



### What is the Irene Price Society?

Thomas Price of Grants Pass left a large portion of his estate to the Oregon Talking Book and Braille Library in memory of his wife, Irene, who enjoyed talking books throughout her lifetime. The Talking Book and Braille Library Endowment Fund was made possible by Price's bequest.

We established the Irene Price Society to honor and recognize this generosity and vision.



### Creating a legacy

Many individuals have helped build the Talking Book and Braille Library Endowment Fund through their gifts. Create your own legacy by including the program in your future plans.

Your legacy supports the Oregon Talking Book and Braille Library. Here are some of the most popular ways to donate:

- Name the library in your will or living trust.
- Leave a gift of retirement assets, such as 401(k) plans or IRAs to the library.
- Name the library as the owner and beneficiary of a life insurance policy.

When planning your legacy we suggest that you consult with your family, friends and financial advisors.

Please notify us of your plans to make a legacy gift to Talking Books. As a thank you we will enroll you in the Irene Price Society and send you a special gift.



### What will your donation be used for?

Bequests, gifts of retirement assets or funds from a life insurance policies are placed in the Talking Book and Braille Library Endowment Fund.

The monies in this fund are invested and the interest used to be sure future generations continue to enjoy talking books and other special services for the blind and print-disabled.

This trifold brochure was created to help solicit donations to an endowment fund that supported the State Library of Oregon's Talking Book and Braille Library. I edited copy created by an associate and was responsible for the layout. I also took the photos included. The brochure was designed using Publisher.

# *Website design*

The screenshot shows the homepage of the Orton Ceramic Foundation. At the top, a banner reads "established 1896" and "ORTON STORE" with a "OVERVIEW" link. Below the banner, there are three main sections: "Center for Firing" (with a sun icon), "Products for Firing" (with a kiln icon), and "Orton Industrial" (with a factory icon). Each section has a "VIEW" link. A large "orton" logo is in the center. A sidebar on the left lists services like Published Information, Education, Technical Assistance, and Consulting Services. A footer at the bottom includes a "Click here for Cone Box 2000 slide show and screen saver" link, copyright information, and a comments email address.

ORTON CERAMIC FOUNDATION - Home Page - Microsoft Internet Explorer

File Edit View Favorites Tools Help

**orton**  
Ceramic Foundation

About Orton Contact Info Ask Orton Search This Site The Orton Store

Dedicated to the advancement  
of ceramic arts & industries since 1896

Center For Firing Products For Firing Thermoanalytical Instruments Glass Testing Instruments Materials Testing Services Kiln Monitoring

ORTON IS THE FIRING EXPERT!

For over 100 years, the Orton Ceramic Foundation has provided products and information to aid in the proper firing of ceramic materials.

Orton manufactures pyrometric cones and bars, kiln venting systems and electronic kiln controllers. We also design and build thermoanalytical instruments for testing the changes in ceramic and glass materials when heated or cooled.

In addition, the Orton Materials Testing & Research Center provides testing of physical, thermal and mechanical properties of raw materials, ceramics, refractories and glass.

If you need firing expertise, contact Orton.

Orton now has a CONVERSION PACKAGE for Orton and Harrop ANALOG DILATOMETERS available. There is also a Windows upgrade for DOS systems.

[Please click here for more details.](#)

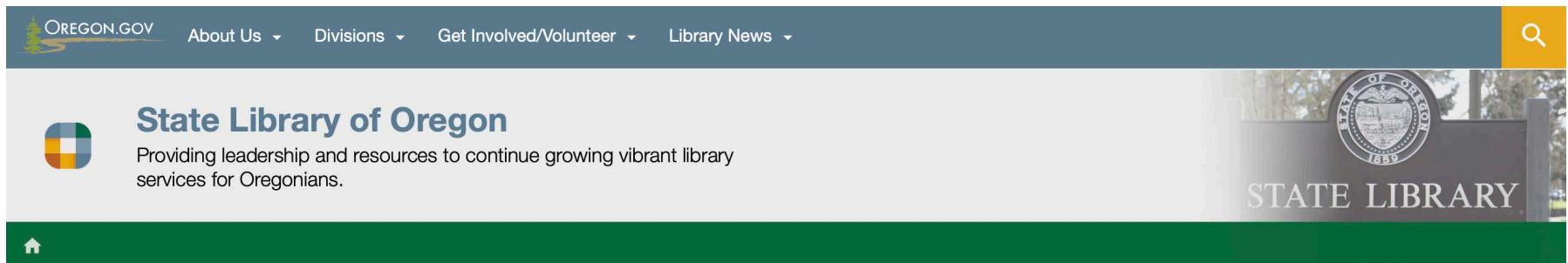
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Current Orton Windows-compatible dilatometer owners can download a free software upgrade.

[Please click on this link for more info...](#)

This shows the evolution of the Orton Ceramic Foundation website. The example on the top left shows the site when I started, and below it, the first redesign I did. My goal was to make it more user-friendly, easy to navigate and to conform to brand. I created most of the content, added tracking functions and optimized the site for search engines. The website was designed and developed using Dreamweaver and other software.

# Website design



OREGON.GOV

About Us ▾ Divisions ▾ Get Involved/Volunteer ▾ Library News ▾

STATE LIBRARY

**State Library of Oregon**  
Providing leadership and resources to continue growing vibrant library services for Oregonians.

Home

**State Employees**

- Resources for State Employees
- Register to Access Databases
- Databases for State Employees
- Request/Renew Materials
- Find my Agency Librarian
- Get Help

**Oregon Libraries**

- About Libraries in Oregon
- Grants & Aid for Libraries
- Resources & Services for Libraries
- Statewide Programs & Initiatives
- Contact a Library Consultant
- More information for Oregon Libraries

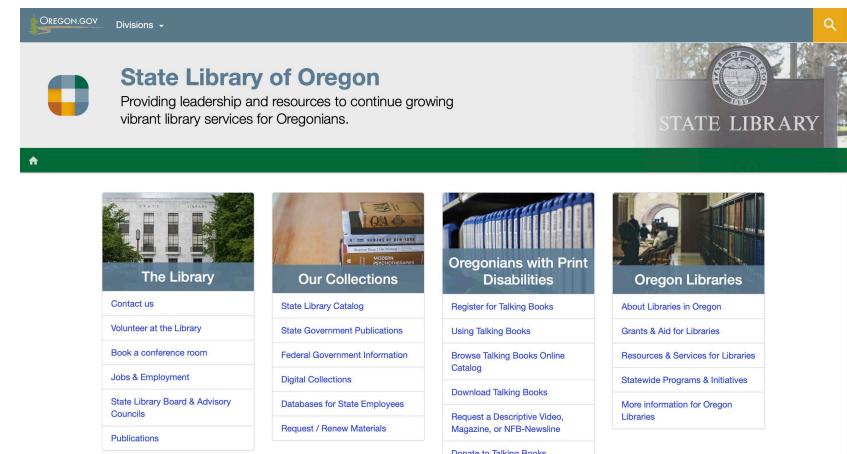
**Oregonians with Print Disabilities**

- Register for Talking Books
- Using Talking Books
- Browse Talking Books Online Catalog
- Download Talking Books
- Request a Descriptive Video, Magazine, or NFB-Newsline
- Donate to Talking Books

**Our Collections**

- State Library Catalog
- State Government Publications
- Federal Government Information
- Digital Collections
- Special Collections
- Request/Renew Materials

I refreshed the content and improved usability of the State Library of Oregon website (above) by revamping the architecture and adding top navigation elements. The site was managed through SharePoint using templates specifically designed for state agencies.



OREGON.GOV

Divisions ▾

STATE LIBRARY

**State Library of Oregon**  
Providing leadership and resources to continue growing vibrant library services for Oregonians.

Home

**The Library**

- Contact us
- Volunteer at the Library
- Book a conference room
- Jobs & Employment
- State Library Board & Advisory Councils
- Publications

**Our Collections**

- State Library Catalog
- State Government Publications
- Federal Government Information
- Digital Collections
- Databases for State Employees
- Request / Renew Materials

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- Resources & Services for Libraries
- Statewide Programs & Initiatives
- More information for Oregon Libraries

## Heart Disease and Stroke in Oregon: Update – 2010



### Heart disease and stroke in Oregon: Update 2010

#### Morbidity and cost

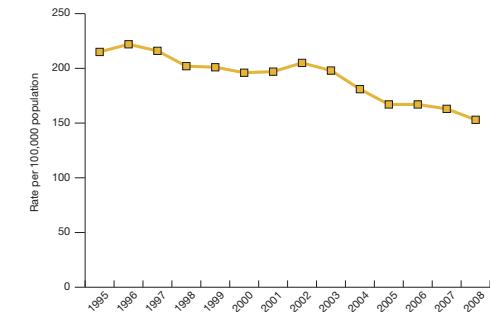
The heart attack hospitalization rate has decreased over the years. In 2008 there were 6,321 hospitalizations due to heart attack in Oregon. The hospitalization charges for heart attack averaged about \$40,000 per hospitalization, totaling more than \$246 million in 2008.

The stroke hospitalization rate has decreased as well. In 2008 there were 7,225 hospitalizations due to stroke in Oregon. The hospitalization charges for stroke averaged over \$26,000 per stay, totaling more than \$193 million in 2008.

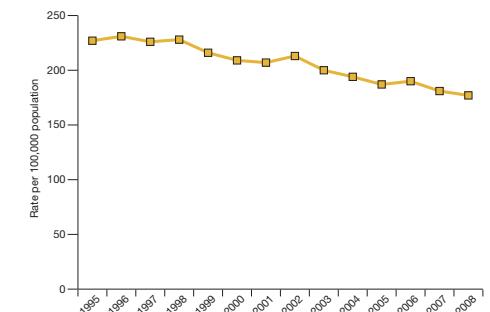
Similarly, national heart attack hospitalization rates declined slightly from 1996 to 2005 (Am J Med 123(3): 259-66) and national stroke hospitalization rates declined from 1997 to 2004 (Neuroepidemiology 29(3-4): 243-9).

Note: All data are age-adjusted to the 2000 U.S. standard population.  
Data Source: Oregon Hospital Discharge Index.

Heart attack hospitalization rates, Oregon: 1995–2008



Stroke hospitalization rates, Oregon: 1995–2008



## FORESIGHT 2020: When Evidence Goes Viral



## ANNUAL REPORT 2020



### COLLABORATIVES

#### Drug Effectiveness Review Project (DERP)

The Drug Effectiveness Review Project (DERP) is a collaborative of state Medicaid and public pharmacy programs dedicated to producing concise, comparative, evidence-based research products that assist policymakers and other decision-makers grappling with difficult drug coverage decisions. DERP research evaluates the efficacy, effectiveness and safety of drugs, particularly for those therapies with the potential to change clinical practice such as specialty and high-cost drugs, to help improve appropriate patient access, safety, and quality of care.

The Center provided 47 robust evidence reports, along with dozens of presentations and other research products, to DERP members in 2020. In addition to these publications, DERP continued to provide its participating states with the tools they need to make informed decisions, especially in light of a resource-draining global pandemic. Some programmatic approaches have been modified, but state participation has remained steady at 15 states. As already-limited state resources funneled toward fighting the pandemic, DERP participants were eager to explore evidence and potential strategies for high-cost and experimental therapies.

A comprehensive pipeline report, *Projected Future High-Cost Therapies in Phase 3 Testing*, provided states with a look at specialty and high-cost drug therapies coming to market, as well as their projected financial impact. The information provided in this report will be utilized as states strategize and prepare their upcoming budgets.

An example of a robust program adaptation during the year were the Center-wide, all-state COVID-19 calls, in which any and all state participants from the Center's 3 collaboratives (DERP, MED, and SMART-D) were invited to weekly themed teleconference events held throughout the month of April. Call topics included increasing telehealth, managing prior authorization of services, and identifying and addressing health disparities to increase access to desperately needed health care during the pandemic. These calls took place at a crucial time during the pandemic, and provided states with the resources and evidence needed to implement solutions, such as extending or suspending prior authorization requirements, and operationalizing pharmacy system changes that would quickly and positively impact patients.

The Center also held 2 virtual conferences for all state collaborative participants in the spring and fall of 2020. The conferences featured DERP reports on high-cost therapies: *Disease-modifying Drugs for Multiple Sclerosis Agents*, *Trikafta for*

It's good to be able to turn to you for last minute information requests!

Beth Daniel, MSN, RN  
Associate Director Medical and Behavioral Health  
NC Medicaid, Division of Health Benefits

- 3 -

This is a full-color, 4 page report created in InDesign and Photoshop. Cover and inside page are shown.

# Newsletters

This was a membership newsletter published quarterly and contains information about firing ceramics targeted to a wide audience ranging from hobbyists to ceramic engineers. This publication had not been published in a number of years so I took on the responsibility of getting it started up again. I wrote and/or edited all the copy, created all the supporting art and did the final layout using QuarkXPress, Photoshop and Illustrator. The newsletter was also converted into a PDF and posted on the Orton Ceramic website.

# THE FIRING LINE

2003/Volume 3

## **CLAY BODIES:** Earthenware

In the last issue of the Firing Line (2003/Vol 2), we focused on the history, characteristics and use of terra cotta clay bodies. While terra cotta is a type of earthenware clay, not all earthenware clays are terra cotta. This article will discuss the family of earthenware clays other than terra cotta.

Containing primarily sedimentary-based clays, earthenware bodies have a wide array of colors that are due to the degree of iron and mineral content. Most earthenware clay are in the buff to brown to red range, but some are white. Low-fire, high-intensity glazes can look particularly striking on a white earthenware body.

Earthenware clays from the U.S. are often from the Great Lakes area. Typically these deposits are in areas where lakes once existed, the decaying material falling to the lake's bed and through natural actions, forms shale. This shale, when crushed, sieved and blended, is the basis for many earthenware blends.

There are several characteristics of earthenware clays that make its use economical and practical. Earthenware is usually blended from readily available and abundant clay deposits and is often inexpensive.

Characteristic of all earthenware clay bodies is a high absorption capacity that prevents this ware from holding liquid unless glazed. Because of the porosity, another

## INSIDE THE LINE

- ▶ KilnVent™ Refurbishing Kit pg. 2
- ▶ Ask the Experts pg. 2
- ▶ Stages of Cone Bending pg. 3
- ▶ TechTip pg. 4

A photograph showing two pieces of ancient pottery. On the left is a small, squat vessel with a rounded body and a narrow neck, a type of jar or vessel. On the right is a much larger, shallow dish or tray with a wide, decorative rim featuring a repeating pattern of small circles or beads. Both pieces have a greyish-blue, possibly celadon, glaze and are set against a plain white background.

Two examples of earthenware with a gloss glaze. The bottle at left has been glazed inside. The plate at right has a clear glaze outside of the marble center which reveals the color of the clay underneath.

commonality is earthenware is lighter in weight than other clays when fired.

Earthenware clays are fired at lower temperature range, from 1700°-2000°F or Cones 07-03. Because of the amount of iron oxide (which acts as a flux) the firing temperature of earthenware are low, reducing fuel expenses. Additionally, low-fire clays typically do not warp or sag, and have minimal shrinkage. The firing range of many earthenware blends is fairly generous and decent results can occur throughout.

On the flip side, fired earthenware never fully vitrifies, making the vessel relatively soft, easily broken and not impervious to liquids. The fired ware will be lighter but fragile. Because of these properties, a large percentage of earthenware is decorative rather than functional.

The earthenware body tends to be coarse and not easily modeled or thrown on the wheel unless sufficient minerals are added to achieve good working and firing properties. For example, grog may be added to increase strength and make clay that is too plastic more workable. Talc can be added as a flux and ball clays can be added to increase plasticity. Flint is often added to reduce shrinkage.

Earthenware clays are used for majolica ware and faience. Majolica refers to a technique where an opaque, tin-based white glaze is applied over a bisque fired body and designs are painted directly on the opaque glaze, often while still wet. The majolica technique was developed by Islamic cultures around the 8th century, using a lead or tin-based glaze. Sometimes this ware was glazed and fired a third time, creating a soft luster.

Paralleling the spread of Islam, this technique spread through Mesopotamia to Northern Africa and eventually reached Spain. The Spanish ware was known as Hispano-Moresque and eventually found its way to Italy during the Gothic era through the trading posts at Majorca, which is possibly the origin of the name.



This bowl is a traditional Mexican piece with a textured surface. The detail below shows the difference between the raw and glazed surface.



Faience is a similar technique using a tin-based glaze. Faience is a term taken from the Italian city of Faenza, and is a Renaissance era imitation of the original majolica. Delftware is a related style created by potters in northern Europe trying to replicate ancient Chinese high-fire ware that

**Clay Bodies... continued on page 4**



Volume 30 • September 2015

# the Pipeline

Oregon Drinking Water News

## 2015 Legislature authorizes increased drinking water fees, public hearings scheduled

by Dave Leland

The 2015 Legislature approved the Oregon Health Authority (OHA) budget for 2015-17 at the end of session in July. As part of that approved budget, the Legislature authorized the agency to increase all drinking water fees up to specified amounts effective January 1, 2016. These are fees for operator certification, backflow tester/specialist certification, plan review and water system inspections. The proposed fees increases will more than double the total fee revenue from \$1 million to \$2.2 million in 2015-17 (see fee revenue table on page 2).

The draft fee increase rule is posted on the Oregon Drinking Water Services website at <http://public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Pages/index.aspx>. The draft rule shows the specific proposed increased fee amount compared to the current fee for each of the many fee types.

We have scheduled three public hearings on the proposed fee increases:

- September 22, 2015 – Bend, Deschutes County Services Building, 9-10:30 a.m.
- September 23, 2015 – Portland State Office Building, Room 1D, 2-3:30 p.m.
- September 29, 2015 – Springfield Public Library, 11 a.m.-12:30 p.m.

Written comments will be accepted through September 30, 2015.

*Continued on page 2*

## Allowable continuing education unit topics for operators expanded

by Tony Fields

In response to requests from certified operators, Drinking Water Services is expanding the allowable types of water system operator training to meet continuing education unit (CEU) requirements. DWS is also starting a new process for reporting CEUs at renewal time and auditing CEUs reported.

CEUs for specialized operator training can now be available from the Oregon Environmental Services Advisory Council (OESAC) for the following categories:

- (A) Technical capacity:** water treatment facilities construction and performance, source construction and protection, capacity, storage, pumping and distribution facility construction and protection, water distribution integrity/leakage and water quality issues related to public/user health.
- (B) Managerial capacity:** water system operation, planning, system governance, development and implementation of system policies, professional support, record keeping, drinking water and related regulations to ensure protection of public health, communication and involvement with water users.
- (C) Financial capacity:** adequacy of revenues to meet expenses, revenue sources, affordability of user charges, rate setting process, budgeting, production and use of

*Continued on page 3*

Visit Oregon Drinking Water Services at <http://healthoregon.org/dwp>

DHS: PUBLIC HEALTH DIVISION

DRINKING WATER PROGRAM

# Pipeline

Vol. 25 Issue 1 Winter 2010 OREGON DRINKING WATER NEWS

[www.oregon.gov/DHS/ph/dwp/](http://www.oregon.gov/DHS/ph/dwp/)

## Oregon's public drinking water sources

### Drinking water source monitoring

by Dave Leland and Sheree Stewart

(Reprinted here in part and with permission of Oregon Insider, Issue #454, Envirotech Publications, Inc., Eugene, Ore., January 2010.)

The Oregon Department of Human Services (DHS) and Oregon Department of Environmental Quality (DEQ) drinking water protection team recently developed and implemented a first-phase "2008-09 Drinking Water Source Monitoring" project. The project was funded through the federal Drinking Water Revolving Fund set-asides for local assistance-drinking water protection. The project collected screening level data from drinking water sources within areas supporting multiple land uses.

*Continued on page 5*

### Contents

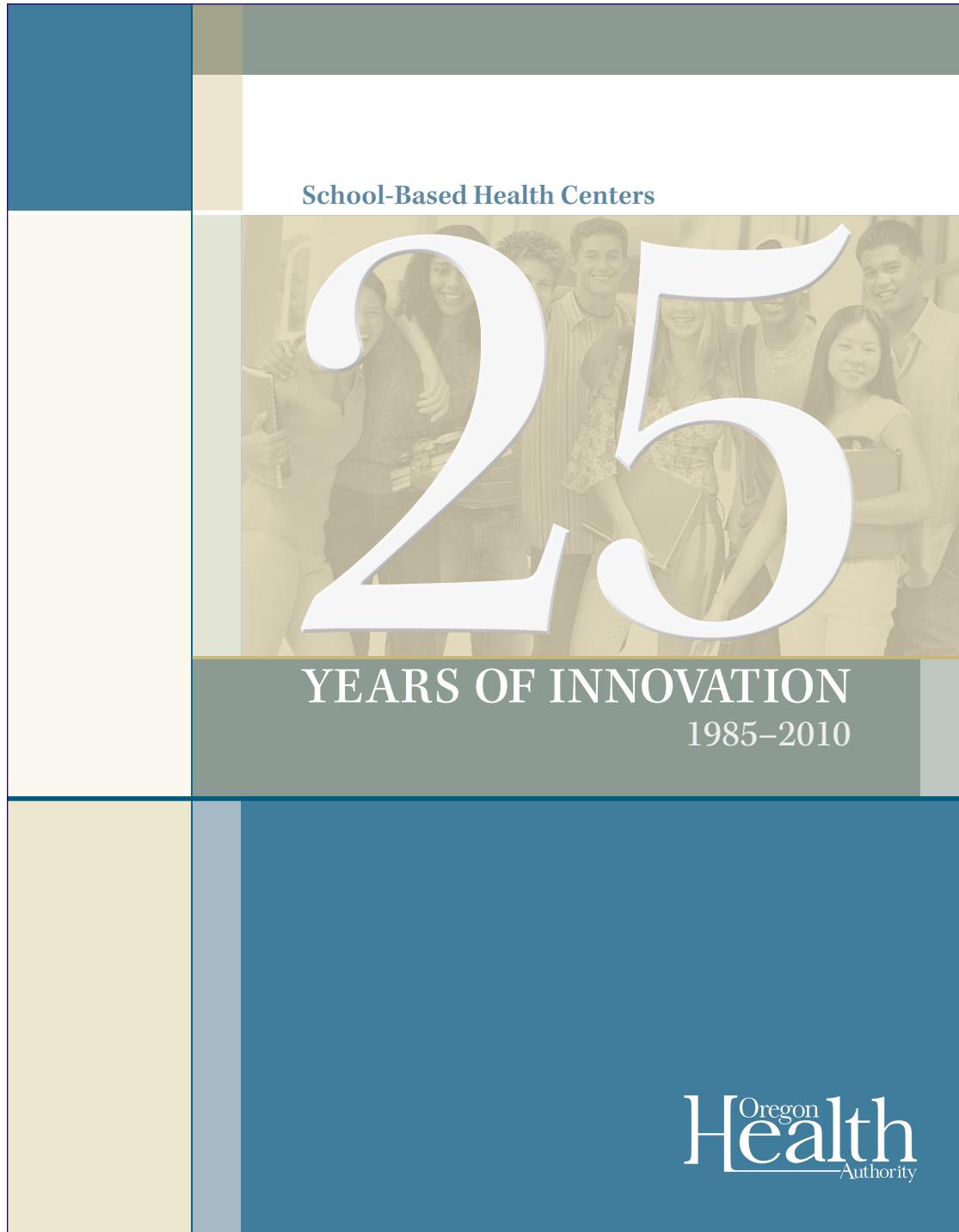
Oregon's public drinking water sources .....	1
Drinking water emergency .....	1
Labeling coliform sample locations .....	2
Staff updates .....	2
Sending your public notice to the state .....	3
Preparing for the flu .....	4
Updating the coliform reporting form .....	4
Operator certification corner .....	8
Calendar .....	10
DWP organizational chart .....	11

*Continued on page 2*

 DHS | Independent. Healthy. Safe.

This was a redesign (at left) of a quarterly newsletter that is distributed to water system operators. The redesign included a new masthead and an update of fonts to follow brand standards and for a cleaner look. The view above shows what the newsletter looked like before the redesign.

# Outreach/information



This trifold 25.5" x 11" information piece celebrated 25 years of SBHCs in Oregon. The full color publication was created in InDesign, Photoshop and Illustrator. The views show the cover and an inside panel.

## Historical Timeline

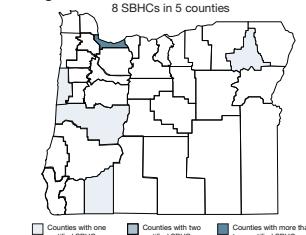
**1980s**  
Dr. Philip Porter, from Harvard University's Division of Health Policy Research and Education, presents at Oregon's "Annual New Approaches" Conference on the concept of School-Based Health Care.

**1985**  
The Oregon Legislature makes a commitment to address health care needs of underserved youth by funding SBHCs.

**1986**  
In February 1986, the first SBHC opens at Roosevelt High School in Portland.

**1987**  
By the end of 1987 there are a total of eight SBHCs in five Oregon counties.

### Oregon School-Based Health Centers - 1987



**1988**  
Oregon is recognized by Dr. Porter in the *Healthy Children Report - Oregon Pioneers for Children* as leading the nation with eight SBHCs through collaborative efforts from state, county, school and community partners.

The Council of State Governments awards Oregon its Innovations Award for its SBHC program.

**1991**  
State budget is cut, which results in reduced funding for state-funded SBHCs.  
Office of Children and Family Health, Oregon Health Division, convenes the first SBHC Coordinator's meeting in Eugene, Oregon.  
SBHCs expand to 18 in nine counties.

**1993**  
SBHC communities organize and advocate to Oregon legislators to support SBHCs. The Legislature decides to increase SBHC funding.  
Oregon Health Division holds the first SBHC Networking Conference, which leads to the concept of a state network with by-laws and membership to inform public policy and advocate for health services for kids.

**1994**  
State Program Office develops state SBHC logo.  
Oregon Health Division awarded a six-year Robert Wood Johnson grant. Grant allowed for :

- Partial funding of new centers;
- Program staff to focus on statewide policy and defining the model;
- Development of SBHC standards;
- Development of data collection and reporting systems;
- Conceptualizing a state funding model;
- Development and refinement of core SBHC messages.

**1995**  
Oregon SBHCs becomes part of the formal definition of the safety net.  
State Program Office begins statewide collection of medical encounter data.  
Oregon is one of nine states selected to have SBHC participation in the American Medical Association Guidelines for Adolescent Preventive Services training and data collection.  
By the end of 1995, there are 29 SBHC in 13 counties.

# Outreach/information

MED Behavioral Health Workgroup Tool - 2022

## Glossary of Behavioral Health Terms

Center for Evidence-based Policy  
Oregon Health & Science University  
3030 S Moody, Suite 250  
Portland, OR 97201  
Phone: 503-494-2182  
Fax: 503-494-3807  
<http://centerforevidencebasedpolicy.org/>

This is an interactive glossary of behavioral health terms created as a tool for health professionals and other related entities to use. The cover and an inside page are shown. This was created using Illustrator and InDesign.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

## B

**Behavioral health**

"Emotional, psychological, and social facets of overall health," including emotions and behaviors affecting overall well-being, such as substance use, according to CMS.<sup>4</sup> Behavioral health as a medical subspecialty promotes the idea that people can play a role in maintaining their own health and preventing illness by engaging in healthy activities and abstaining from unhealthy ones.<sup>5</sup>

[Telebehavioral Health in Response to the COVID-19 Pandemic: What Worked, What Didn't Work, and How Can This Shape Future Policy?](#) (2021)

[Residential Substance Use Disorder Treatment at Higher Levels of Care: Coverage Policies, Utilization Management, and Reimbursement](#) (2022)

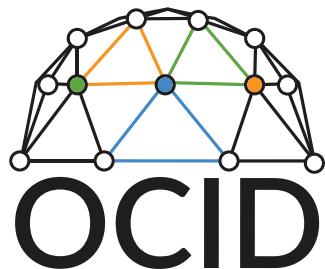
**Behavior therapy (also called behavioral psychotherapy or conditioning therapy)**

"A form of psychotherapy that applies the principles of learning, operant conditioning, and classical conditioning to eliminate symptoms and modify ineffective or maladaptive patterns of behavior. The focus of this therapy is upon the behavior itself and the contingencies and environmental factors that reinforce it, rather than exploration of the underlying psychological causes of the behavior,"<sup>6</sup> according to the American Psychological Association.

[Treatment of Stimulant Use Disorders](#) (2021)

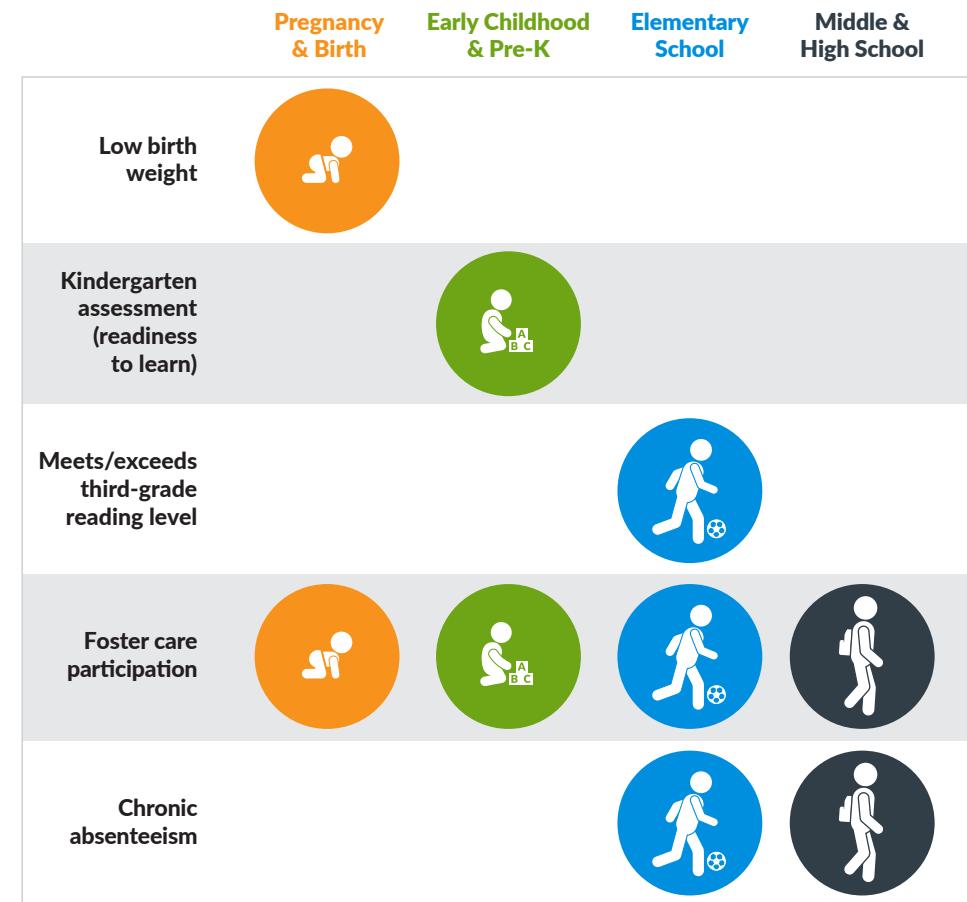
Glossary of Behavioral Health Terms - Fall 2022

# Logo/infographic design



Logo developed for Oregon Child Integrated Database using Illustrator

Infographic Map for Indicators  
Oregon Child Integrated Database  
created using Illustrator



# Logo/infographic design

This is a visual abstract developed for a report. The visual abstract was created using InDesign and Illustrator

**STM**  
Systematically Testing the Evidence on Marijuana

## Living Systematic Review on Cannabis for Chronic Pain

**Summary:** There was low to moderate certainty of evidence that a product with comparable THC to CBD ratios might improve pain severity and function mostly in patients with neuropathic pain, and some formulations increase the risk of side effects such as dizziness and sedation. CBD and whole plant formulations remain unstudied.

**Study design:** Living systematic review of randomized studies

**Data sources:** Multiple databases searched from inception to July 2021 → **20 RCTs**

**Comparators:** Placebo or other analgesic medication

**Population:** Adults with chronic pain, most of which was neuropathic, with short-term treatment (4 weeks to < 6 months)

**Interventions:** Cannabinoids (plant-based/derived or synthetic) with comparable THC to CBD, high THC to CBD, low THC to CBD, or CBDV

**Outcomes:**

THC to CBD Ratio	Benefits			Harms				
	Pain response	Pain severity	Function	WAE	SAE	Dizziness	Nausea	Sedation
Comparable THC to CBD – Oral spray	+	++	++	Ø	+	+	+	+
High THC – Synthetic, oral	Ø	+	+	+	Ø	++	+	+
High THC – Whole plant extract, oral	---	Ø	Ø	+	Ø	+	---	---
Low THC/High CBD – Topical CBD	---	Ø	---	---	---	---	---	---
Other cannabinoids – CBDV, oral	Ø	Ø	---	Ø	Ø	---	---	---
Whole-plant cannabis (12% THC) vs. usual care	---	Ø	---	Ø	Ø	Ø	Ø	Ø

Effect size: insufficient; no effect; potential effect; small effect; moderate effect; large effect  
Certainty of evidence: ---=no evidence; Ø=insufficient; + =low; ++=moderate; +++=high

Abbreviations. CBD: cannabidiol; CBDV = cannabidivarin; RCT: randomized controlled trial; SAE = serious adverse event; THC: tetrahydrocannabinol; DAE = discontinued due to adverse event.

McDonagh MS, Wagner J, Ahmed AY, Fu R, Morasco B, Kansagara D, Chou R. *Living Systematic Review on Cannabis and Other Plant-Based Treatments for Chronic Pain. Comparative Effectiveness Review No. 250.* (Prepared by Pacific Northwest Evidence-based Practice Center under Contract No. 75Q80120D00006.) AHRQ Publication No. 21-EHC036. Rockville, MD: Agency for Healthcare Research and Quality; October 2021. DOI: <https://doi.org/10.23970/AHRQEPCCER250>. Posted final reports are located on the Effective Health Care Program search page.

