

# OHSU Knight Cancer Institute

Connecting world class cancer care, research and education with Oregonians

As the only National Cancer Institute (NCI) designated cancer center in Oregon, the Knight Cancer Institute is a leading institution in developing and translating scientific knowledge into new ways to treat and prevent cancer. As a part of Oregon Health & Science University, the institute is devoted to improving the health and well-being of all Oregonians across the state.

As part of this commitment to Oregonians, OHSU and the OHSU Knight Cancer Institute collaborate with local health care providers and community groups to provide access to advanced clinical care, especially for patients with complex conditions. Finally, the institute conducts research and provides educational and outreach programs to benefit communities in Oregon, while also educating the next generation of health care providers and scientists.

Meeting the Knight Cancer Challenge will strengthen and expand these existing relationships and help elevate cancer care and health research benefitting Oregonians from Astoria to Coos Bay to The Dalles and many places in between.

The examples listed here illustrate OHSU and the OHSU Knight Cancer Institute's many programs in cancer care, research, education and prevention.

## Clinical Cancer Care

### Astoria

In collaboration with Columbia Memorial Hospital in Astoria, OHSU and the Knight Cancer Institute provide comprehensive, interdisciplinary, consultative and ongoing oncology and hematology services to residents of the North Oregon Coast.

### Salem

OHSU Knight Cancer Institute and Salem Health formed an alliance to ease the logistical burden of receiving cancer treatment for patients in the Salem area. Coordinated activities include collaborative assessment by specialists of patients and their tumors, referrals to clinical research trials, support for screening activities, and local access to OHSU specialists for genetic counseling and treatment of gynecologic cancers.



### Medford

OHSU works with Asante Rogue Regional Medical Center to deliver care to cancer patients with complex conditions. As part of this effort, an OHSU pediatric specialist provides consultative oncology services in Medford.

### Bend

The Central Oregon Pediatric Association provides physicians in the region with access to OHSU pediatric cancer care specialists to better equip them to deliver chemotherapy and other cancer treatments to patients in the communities where they live.

### Statewide

OHSU and the Knight Cancer Institute have many programs that support cancer patients and treatment providers throughout the state including:

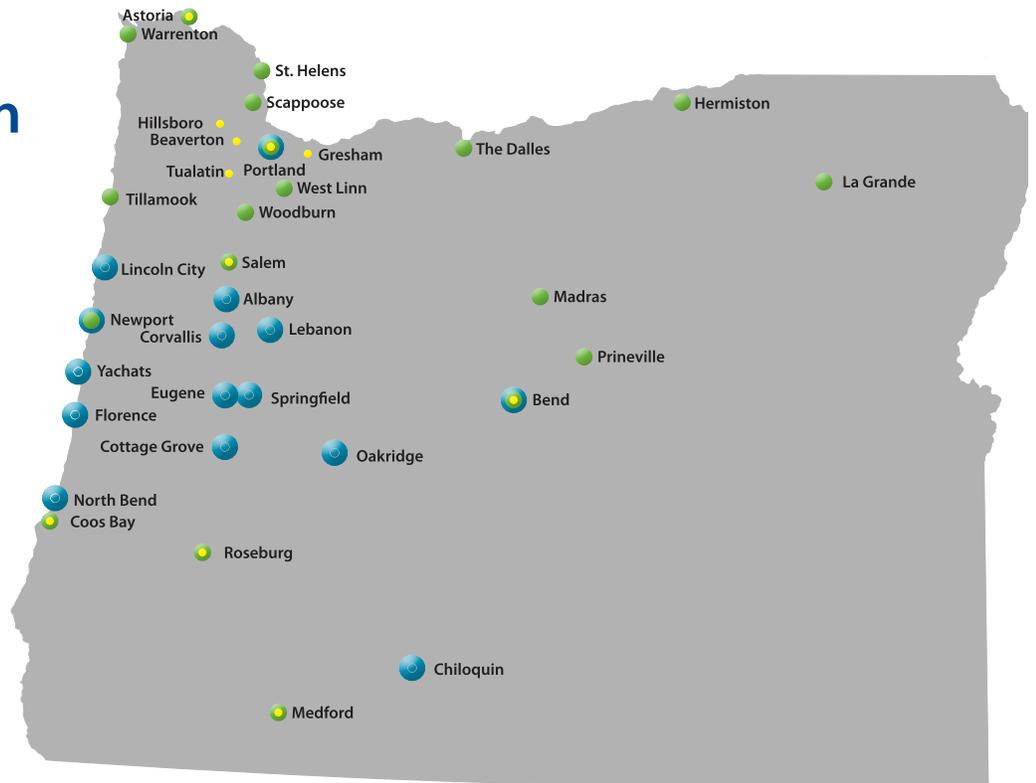
- **Pediatric cancer open phone program** – OHSU Doernbecher assigns pediatric oncologists to serve in rotation to provide emergency rooms with support when they are treating pediatric cancer patients with complications from chemotherapy.
- **Northwest Marrow Transplant Program** – A collaboration between Legacy Health and OHSU, this program offers a full range of blood and marrow transplants to cancer patients throughout the region.
- **Knight Diagnostic Laboratories** – OHSU provides next-generation cancer diagnostic tests to physicians in Coos Bay, Salem, Springfield, Eugene, Bend and The Dalles. These tests, which are analyzed at the Knight Diagnostic Laboratories, make it possible for physicians to understand the biology driving the patient's disease, allow for more precise treatment decisions and spare patients from receiving treatments that won't address the root cause of their disease. The analysis can also be used to match patients to relevant clinical trials.



# Knight Cancer Institute in Oregon

## Ongoing Activities

- Knight Clinical Presence
- Knight Research Collaborations
- Knight Prevention and Screening Collaborations



## Cancer Research

**Leveraging National Cancer Institute status** – As the only institution in Oregon designated as a cancer center by the NCI, the OHSU Knight Cancer Institute assists other organizations in making connections to NCI programs. Through OHSU Knight Cancer Institute, health care providers in Salem, Medford and The Dalles are able to participate in the NCI-sponsored clinical research network.

**The Pacific Northwest Evidence-based Practice Center at OHSU** – One of 11 evidence-based centers in the nation sponsored by the Agency for Healthcare Research and Quality, the center conducts systematic reviews of health care topics – including cancer care – for federal and state agencies, professional associations and foundations. These reviews have led to recent changes in screening and treatment practices for breast, prostate and lung cancers.

**OHSU/FEI Living Lab for Cell Biology** – Hillsboro-based microscope-maker FEI and OHSU are collaborating to run this lab which provides researchers across the Oregon University System with state-of-the-art electron microscopes to advance the understanding and treatment of complex diseases such as cancer and AIDS.

**Targeted Community-Based Research** – OHSU Knight Cancer Institute researchers have worked with specific communities in Oregon to understand the disparities of cancer incidence rates among different Oregon

communities, including cervical cancer risk among Native American and Hispanic populations, breast cancer with the Chinese American community in Oregon and the disparities in cervical cancer screening rates among Vietnamese American women.

## Cancer Prevention and Screening

### Outreach and Awareness

- **Annual head, neck and skin cancer screening** – OHSU and the Knight Cancer Institute provide a screening event in Portland and have assisted health care providers in Salem and Coos Bay with similar free screenings.
- **OHSU's Let's Get Healthy!** – This program uses an interactive educational and research exhibit to promote cancer prevention and other good health practices at area health fairs. It has been deployed in a wide range of communities from Newport to Madras to Hermiston.
- **OHSU Knight Cancer Institute's SCREEN program** – Run in collaboration with OHSU's Center for Women's Health, Susan G. Komen for the Cure, and Samaritan Health Services, the program reaches out to rural communities to raise awareness of screening guidelines for breast and cervical cancer. To date, the program has benefitted people in Albany, Lebanon, Corvallis, Lincoln City, Newport, Yachats, Florence, Eugene, Springfield, Oakridge and Cottage Grove.