



# Washington State STEM Education Innovation Alliance

*Washington State's Rapidly Growing Life Science Industry:  
Meeting the Demand for Talent*

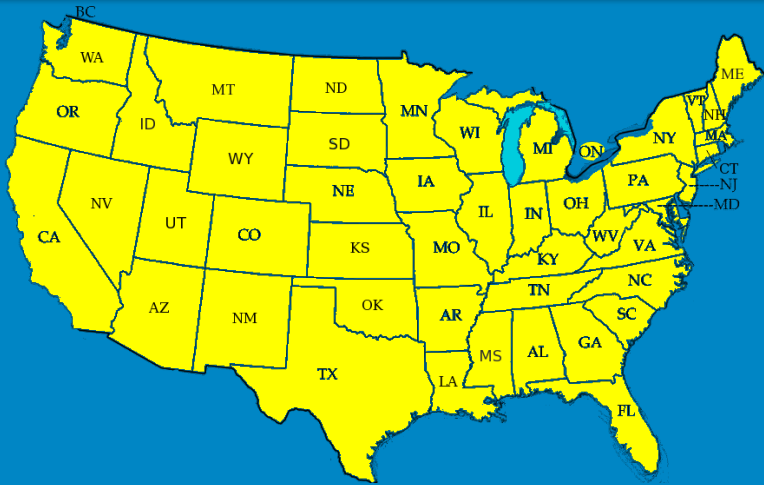
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**Leslie Alexandre, DrPH**  
President & CEO  
Life Science Washington

# Washington State's Main Life Science Industry Sectors

- **Biotechnology**
- **Pharmaceutical**
- **Medical device and equipment**
- **Digital health**
- **Health IT**

# Industry By The Numbers



**U.S. Economy**  
**\$2 Trillion**



**Employees**  
**1.74 Million**



**Average**  
**Wage \$99K**

# Here's why Seattle is the country's top emerging life sciences market

BY JAMES THORNE on April 4, 2019 at 9:26 am

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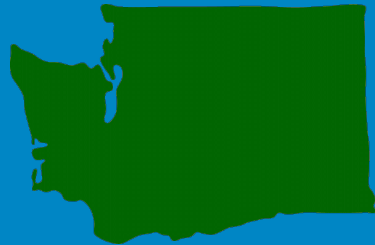
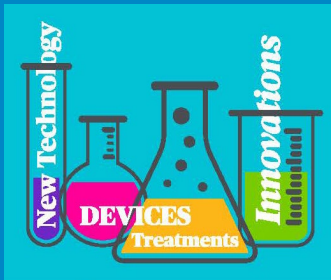
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(GeekWire Photo / Kevin Lisota)

Seattle is the top emerging life sciences hub in the U.S., according to a recent report from commercial real estate firm CBRE. That's welcome news for an industry that has faced its share of ups and downs in the past decade.

# Washington State Life Science Industry, 2017



*Economic  
Impact*

**1,144 Life  
Science  
Companies**

**110  
Washington  
Cities**

**Employing  
nearly 36,000  
workers**

**Average  
Annual Wage  
of \$93,000**

**11.5B  
Contribution  
to State's  
GDP**

# Fueling Life Science Innovation in WA State, 2018



**NIH Funding**  
**\$1 Billion**



**Transactions**  
**\$11.5 Billion**

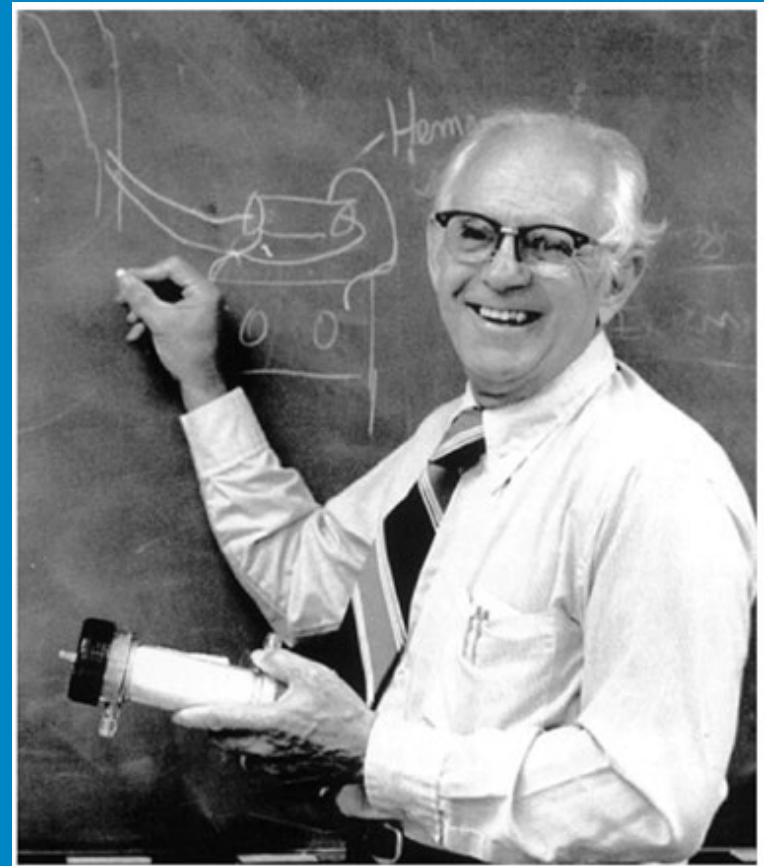
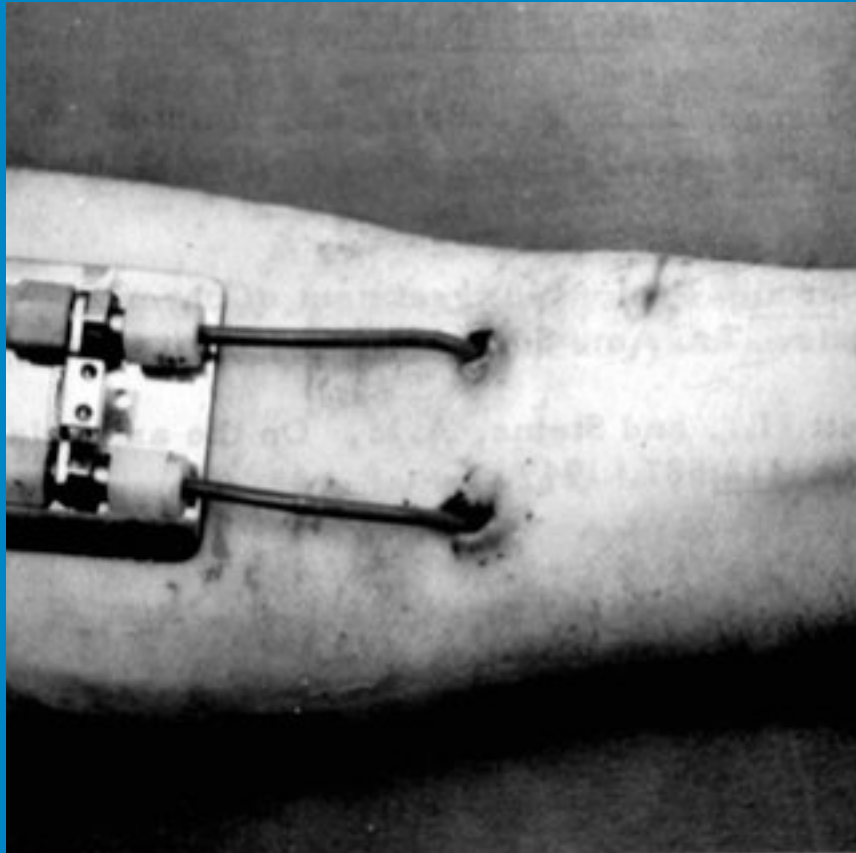


A black and white portrait of Dr. E. Donnall Thomas, an elderly man with a white beard and glasses, wearing a white lab coat over a dark suit and tie. He is looking directly at the camera with a slight smile. The background is dark, and there are decorative circular elements in the upper right corner. The text is overlaid on a large blue circle on the right side of the image.

BECAUSE OF  
ONE LIFE,  
MILLIONS WERE  
CHANGED

*Dr. E. Donnall Thomas pioneered  
bone marrow transplantation.  
His work continues to shape  
the future of cancer care.*

# UW, Dr. Belding Scribner

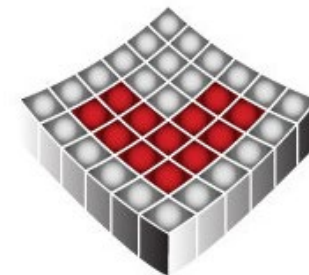




# Discoveries & Innovations



INFECTIOUS DISEASE RESEARCH INSTITUTE































# Workforce Summit



CASCADIA  
COLLEGE  
BOTHELL



**EDMONDS**  
COMMUNITY COLLEGE



**BELLEVUE**  
COLLEGE  
WORKFORCE EDUCATION



**EVERETT**  
COMMUNITY COLLEGE



**LAKE WASHINGTON**  
INSTITUTE OF TECHNOLOGY



**UNIVERSITY of**  
**WASHINGTON**  
BOTHELL



**Shoreline**  
COMMUNITY COLLEGE



A large, modern sign for Shoreline Community College. The sign is mounted on a white rectangular base with a brown metal roof. The sign itself is teal with white text and a wavy graphic. The background shows a paved area, trees, and a building in the distance.

Shoreline  
COMMUNITY COLLEGE





# LAKE WASHINGTON INSTITUTE OF TECHNOLOGY

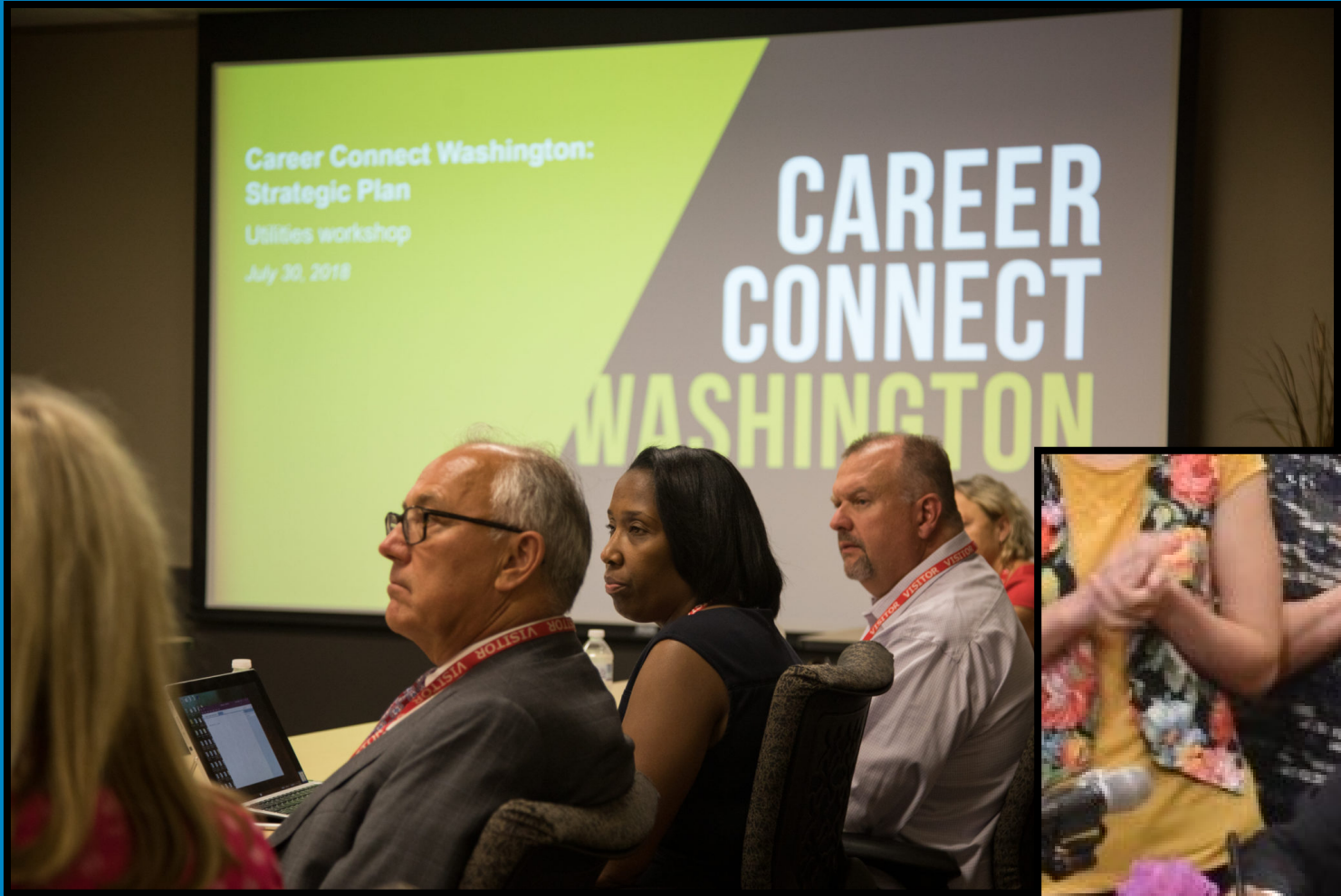


# NIXMBL



A public-private consortium dedicated to advancing biopharmaceutical manufacturing innovation.









Questions?