

# Community Health and Resilience

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Dean

December 14, 2018



Oregon State University

**Agricult Sciences**



College of Public Health and Human Sciences

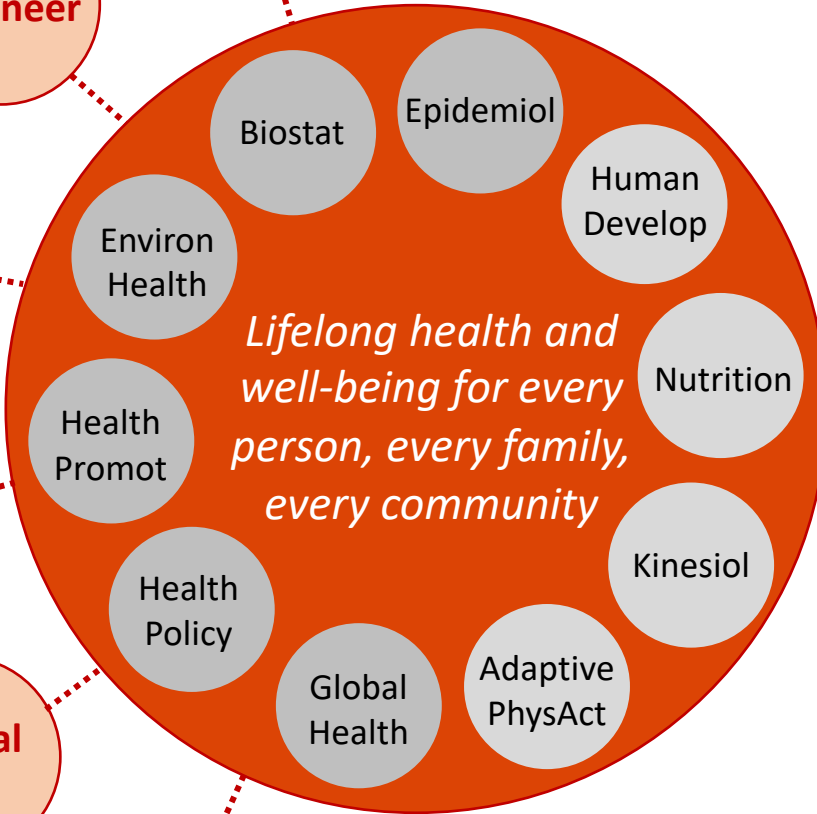
**Engineer**

**Pharmacy**

**Vet Med**

**Liberal Arts**

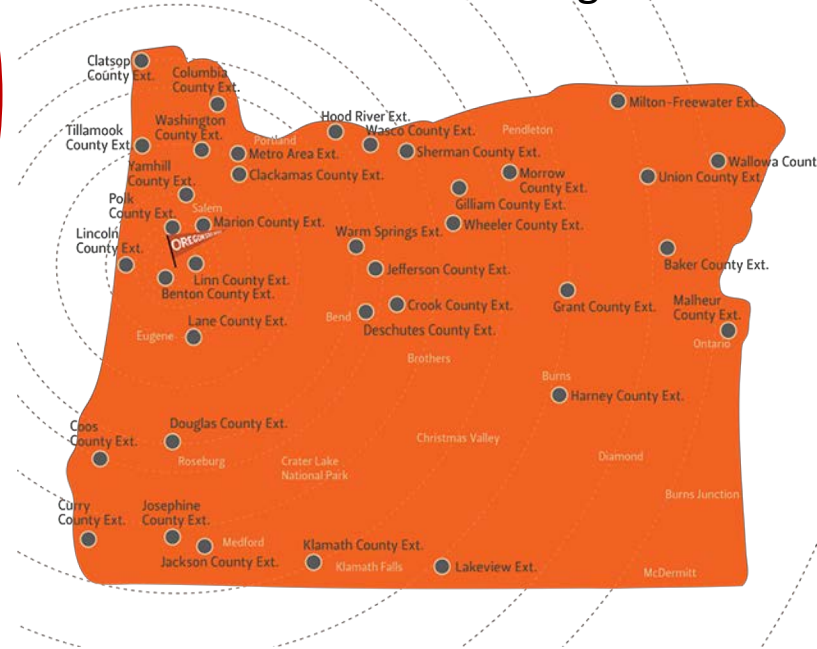
**Business**



# OSU Extension

- 4-H Youth Development
- Family and Community Health

~200 Extension faculty and staff located across Oregon



Oregon State University  
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HEALTH

# Life Expectancy in U.S. Declines Slightly, and Researchers Are Puzzled

By KATIE ROGERS DEC. 8, 2016



Health & Science

## Fueled by drug crisis, U.S. life expectancy declines for a

Health & Science

## U.S. life expectancy declines again, a dismal trend not seen since World War I

By **Lenny Bernstein**  
November 29, 2018

Life expectancy in the United States declined again in 2017, the government said Thursday in a bleak series of reports that showed a nation still in the grip of escalating drug and suicide crises.

...eam, Quantified at  
... DEC. 8, 2016



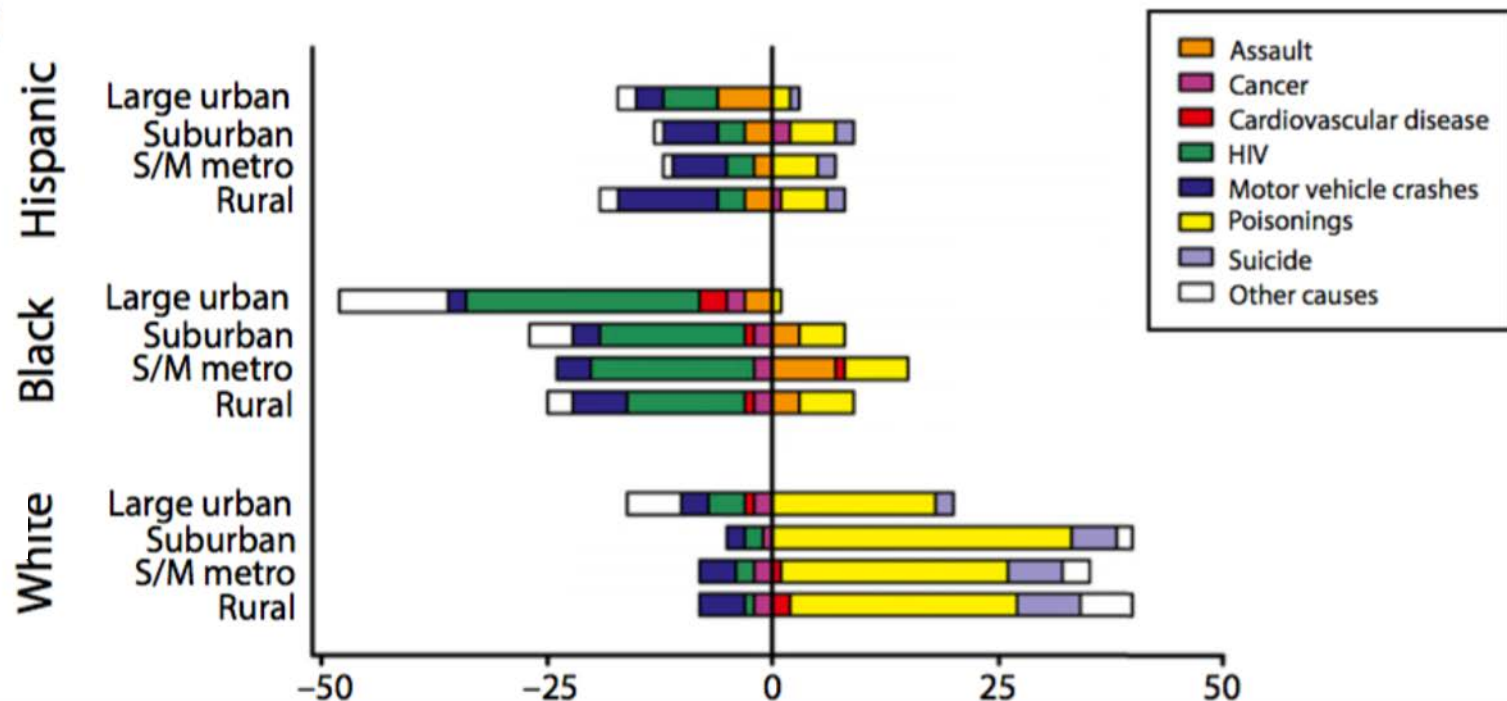
White Americans Are Dying Younger as Drug and Alcohol Abuse Rises  
APRIL 20, 2016



Black Americans See Gains in Life Expectancy  
MAY 8, 2016

# The Epidemic of Despair Among White Americans: Trends in the Leading Causes of Premature Death, 1999–2015

Elizabeth M. Stein, MD, MS, Keith P. Gennuso, PhD, Donna C. Ugboaja, BS, and Patrick L. Remington, MD, MPH



Mortality Rate Difference between 2000 and 2015  
Among 25-34 years old (per 100,000)

# Mental health burden in Oregon

- Suicide mortality in Oregon is 17.8 per 100,000 (16<sup>th</sup> in US; national average: 13.4 per 100,000)—CDC, 2016
- OHA's *21st Century Oregon Behavioral Health Action Plan*:
  - Suicide is the 2<sup>nd</sup> leading cause of death for young adults
  - 15% of teenagers had major depressive episode in the last year (<50% received treatment)
  - Child abuse, neglect, and bullying continue to be all too common



GOVERNOR KATE BROWN

**NEWS RELEASE**

February 13, 2018

## **Governor Brown Calls for Statewide Strategy to Combat Addiction**

*New executive order will call on agencies across the state to align in addiction prevention, treatment, and recovery priorities*



**Oregon State University**  
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Treatment

Recovery

Prevention?

***Symptoms*** of  
underlying  
**psychosocial** or  
**economic distress**  
in our communities



- Opioid use/overdose
- Suicide
- Depression



- Unemployment
- Inadequate housing
- Poverty
- Food insecurity
- Lack of health care access
- Lack of opportunity
- Social isolation / social media ...

**”Social Determinants  
of Health”**



# Addressing the Social Determinants of Health

- Primary focus on the *upstream* determinants of health



*Health care*

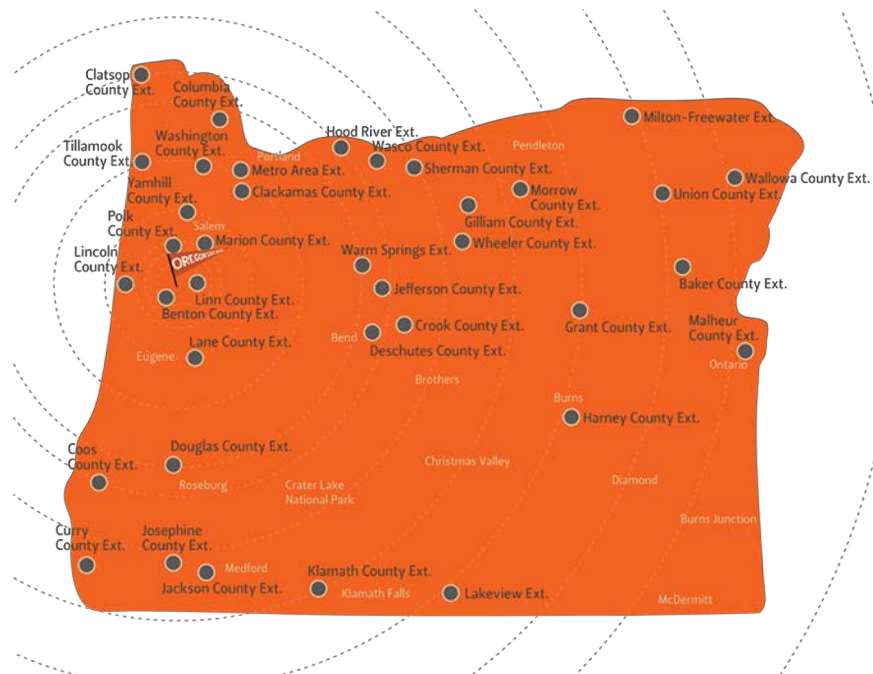


*Prevention: addressing  
the root causes*



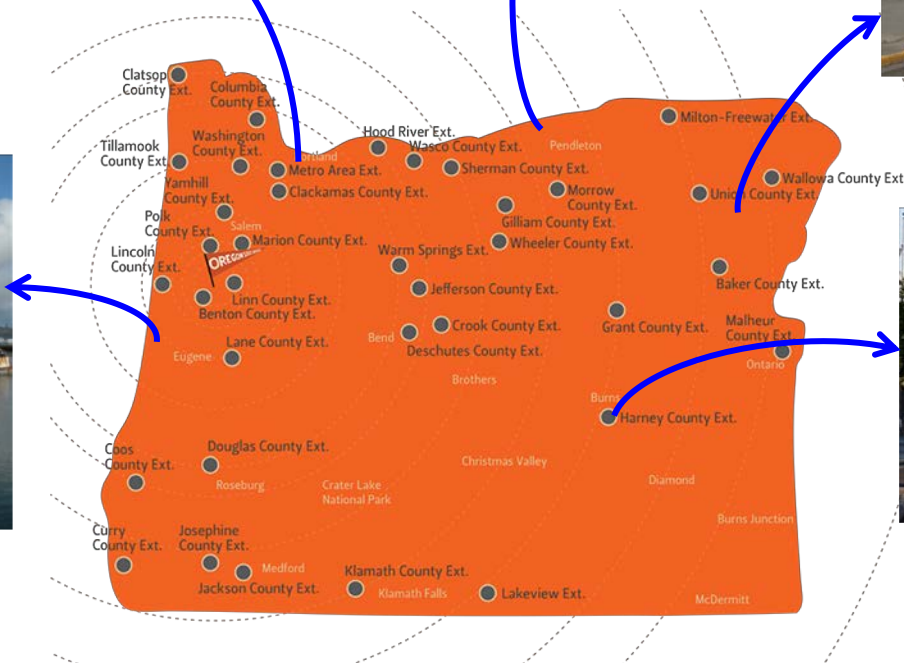
# Addressing the Social Determinants of Health

- Primary focus on the *upstream* determinants of health
- Requires cross-sectoral approaches
- AND *community leadership* (not just “participatory”) to come up with community-specific solutions



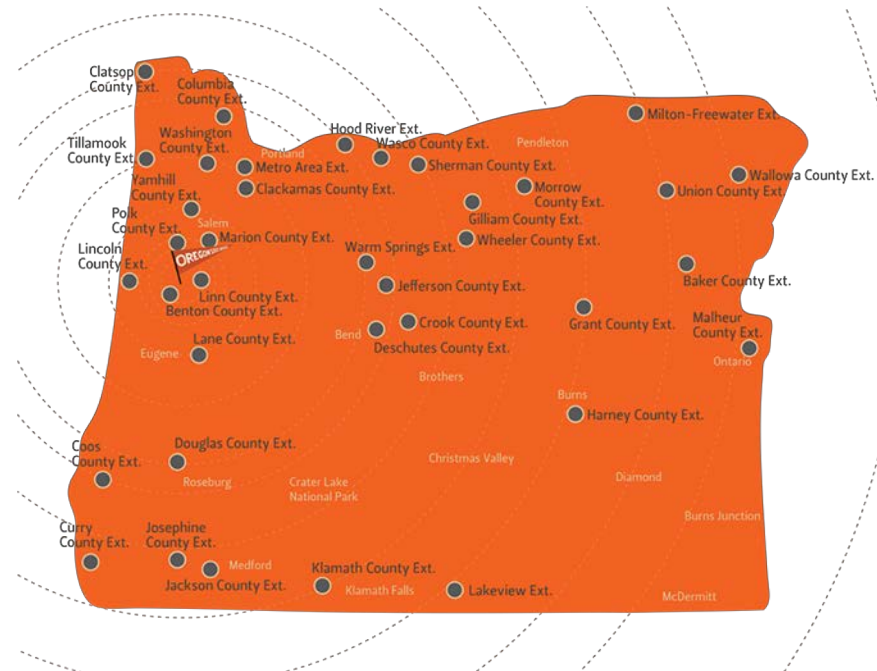
# Addressing the Social Determinants of Health

## Community-specific solutions



# OSU can be part of the solution

- Leverage existing Extension resources/connections with communities
- Add additional capacity: locally hired personnel trained on community engagement (*“Healthy Oregon Connectors”*)
- Work with local leaders, businesses, health care, public health, community health improvement partnerships...



# The Statewides: 2019-21 Funding Request

Extension Service – Agricultural Experiment Station – Forest Research Laboratory

## OREGON THRIVES WHEN WE INVEST IN THE STATEWIDES

For the 2019-21 biennium, the Statewides are **seeking a \$30 million increase**, which is 25 percent above the current funding level. This investment will **restore, maintain, and build essential research and Extension programs** that address Oregon's most critical needs across three areas outlined below. The \$30M investment reverses past declines in funding and provides opportunities for significant return on investment for all Oregonians through key research and programming initiatives.

LC 2019  
2019 Regular Session  
11/19/18 (DFY/ps)

## D R A F T

### SUMMARY

Appropriates moneys to Higher Education Coordinating Commission for agricultural experiment station and branch stations, Oregon State University Extension Service and Forest Research Laboratory programs of Oregon State University.

### A BILL FOR AN ACT

- 1
- 2 Relating to state financial administration.
- 3 Whereas the agricultural experiment station, extension service and forest
- 4 research laboratory programs of Oregon State University are central to the
- 5 mission of the university; and
- 6 Whereas those programs rely in part on state financial support; and
- 7 Whereas those programs address emerging issues important to communi-
- 8 ties, families and industries in both rural and urban areas of Oregon; and
- 9 Whereas additional funding for those programs will enable increased in-
- 10 vestment in sustainable management of working landscapes, in improvements
- 11 to water quality and quantity, in promotions of public health, food safety and
- 12 security, in technologies for business development, in value-added manufac-
- 13 turing and in education for the workforce of the future; now, therefore,
- 14 **Be It Enacted by the People of the State of Oregon:**
- 15 **SECTION 1.** In addition to and not in lieu of any other appropri-
- 16 ation, there is appropriated to the Higher Education Coordinating
- 17 Commission, for the biennium beginning July 1, 2019, out of the Gen-
- 18 eral Fund, the amount of \$30,000,000, which may be expended for
- 19 Oregon State University programs as follows:
- 20 (1) For the agricultural experiment station and branch stations,

NOTE: Matter in boldfaced type in an amended section is new; matter [italic and bracketed] is existing law to be omitted.  
New sections are in boldfaced type.

LC 2019 11/19/18

- 1 **\$16,000,000.**
- 2 (2) For the Oregon State University Extension Service, \$11,500,000.
- 3 (3) For the Forest Research Laboratory, \$2,500,000.
- 4 \_\_\_\_\_



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# OSU can be part of the solution

- Leverage existing extension resources/connections with communities
- Add additional capacity: locally hired personnel trained on community engagement (“Healthy Oregon Connectors”)
- Work with local leaders, businesses, health care, public health, community health improvement partnerships...
- Partner with CCO’s



1. Improve the behavioral health system
2. Increase value and pay for performance
3. Focus on social determinants of health and health equity, and
4. Maintain sustainable cost growth.



**Oregon State**  
University

College of Public Health and Human Sciences

**Thank you!!**