College Public Health and Human Sciences

IGNITE RESEARCH COLLOQUIUM – Building Community-Based Research Opportunities

December 5th, 2018
Hallie Ford Center #115
1:30-4 pm
Welcome -
CPHHS Ignite Research Colloquium

• F. Javier Nieto, Dean
• Roberta Riportella, Associate Dean

• Facilitator
• Marie Harvey, Associate Dean
Ignite Agenda and Timeline

• 1:30 – 1:45 Welcome

• 1:45 – 2:05 Session I
  6 presentations; Q&A

• 2:05 – 2:25 Session II
  6 presentations; Q&A

• 2:25 – 2:45 Session II
  6 presentations; Q&A

• 2:45 – 4:00 Reception: hors d’oeuvres
Session I
From Rhubarb to Resilience
Central Oregon Family & Community Health serving Crook, Deschutes, Jefferson and Wheeler Counties

Foods and Nutrition Projects
Food Safety and Preservation*
- Public Workshops – Pressure Canning, Boiling Water Canning, Fermentation, Drying and Freezing
- Master Food Preserver Volunteer Trainer and Manager
- Client Calls; Dial Gauge Testing; Ask an Expert
- Preserve @ Home On-line Hybrid Course with U Idaho Extension
- Oregon State University Food Preservation Facebook Page
- State Food Safety and Preservation Evaluation Coordinator, 2018

Nutrition, Healthy Cooking and Physical Activity*
- Nourishing Boomers and Beyond classes – Nourish your Heart, Brain, Digestive System, Skin, Eyes, and Muscles. Surveys with North Dakota State University Extension. Support from Moore Family Center Community Grant.
- Small Steps to Health and Wealth

Enjoying our Healthy Harvest* curriculum and High Speed Hand Washing*

*Experience and evaluation opportunities for student internships
Safety and Accidental Injury Prevention

Preparing Oregon for the Cascadia Subduction Zone Event through an Online Learning System – PI, 2018-19 NIFA Grant*

Stress Less with Mindfulness*

Suicide Prevention Training – QPR Certified Trainer

GenerationRxOregon-Adult/Parent classes – Safe Use, Storage, and Disposal of Medications* - Coordinated with Sea Grant Extension Program to promote EPA recommendations for safe disposal. Connected with TakeMedsSeriouslyOregon.org, Deschutes County Health Department and Shared Future Coalition.

*Experience and evaluation opportunities for student internships

Glenda Hyde, MEd
Associate Professor of Practice
Glenda.hyde@oregonstate.edu
Understanding and Addressing Family and Community Factors Related to Childhood Obesity Risk

Early childhood critical window to target positive health behaviors

1. Home-based obesity prevention intervention in American Indian communities
   ◦ Role of communities
   ◦ Emphasizing traditional foods
   ◦ Sleep as emerging risk factor

2. Nutrition and physical activity environment of child care settings

3. Wellness-focused health challenge

Contact: Emily Tomayko, Assistant Professor, Nutrition emily.tomayko@oregonstate.edu
OSU MOORE FAMILY CENTER FOR WHOLE GRAIN FOODS, NUTRITION AND PREVENTIVE HEALTH

Jenny Rudolph, MPA
Associate Professor of Practice
Moore Family Outreach Coordinator
Extension Family & Community Health Programs
Jenny.Rudolph@oregonstate.edu
MOORE FAMILY CENTER
HEALTHY COMMUNITY OUTREACH FELLOWS

• Funding for sponsored community-based internships across Oregon.
• Students to work with Extension CPHHS Faculty on Nutrition and Food Environment projects.
• Applications for Extension host sites and projects will be announced in January 2019.
• Selected projects announced in March at FCH Spring Conference.
• Start date for interns Summer ‘19.

https://health.oregonstate.edu/moore-center
Improving human health through translational metabolism research

Google

Matthew.Robinson@oregonstate.edu
Sean.newsom@oregonstate.edu
Seeking help with
1. Collaborations in translational research
2. Community participation in research
3. Inform public
Child Care Deserts: Creative Solutions for Supporting Families with Young Children
Megan Pratt, PhD
Session II
Klamath County
- Rural, high desert, large geographical area
- Low health ranking (#35/36)

Patty Case, MS RD
- 18 years with Extension in Klamath
- 28 years in Klamath
- Community connector

Community Partners
- Sky Lakes Medical Center
- OIT Population Health
- OHSU Campus for Rural Health
- Blue Zones
- Klamath County & City School Districts/SNAP-ED
Community-Based Research Opportunities in Klamath County

- Farm to School
- School Wellness/SNAP-ED
- Food Systems
- Disease Prevention
- Cooking Matters
- Point of Purchase
- Big Data
When screening mammograms don't meet expectations

Mammography screening
- Screening doesn’t cure cancer.
- The purpose is to find cancer early before symptoms appear with few false-negative or false-positive test results
- Start care or treatment sooner

Veronica Irvin, PhD, MPH
Assistant Professor
College of Public Health and Human Sciences
Oregon State University
Veronica.Irvin@oregonstate.edu
When screening mammograms don't meet expectations

1. Screening services lack language, cultural or regional needs
2. Screenings with limited or no provision of follow-up care
3. Interval breast cancers – women who are compliant with screening but have cancer diagnosed between screens

Goal: To learn how these experiences impact follow-up care or future mammograms and are further influenced by resources in the community

I’m looking for partners:

• Are these concerns in your community?
• Would people in your community be willing to share their stories?
• Interested in working on pilot study or writing grant with me?
Maureen Quinn, Outreach Educator

Big City, Small Town –

Access to Place and People in Multnomah & Washington Counties
Using a Health Equity Lens to Visualize Resource Availability and Accessibility in Small Geographic Places and Spaces

Deborah H. John, PhD, MS
Associate Professor, BPHS and Extension Specialist, Health Equity and Place

Tammy Winfield, MS
Faculty Research Assistant, Community Mapping and Data Visualization

College of Public Health and Human Sciences

- Community Food and Physical Activity Resource Audit
- HEALth MAPPSTM
- Story Maps
Visualizing Availability and Access

Data Sources

1. Oregon Department of Human Services & Oregon Health Authority (2014)
2. U.S. Census Bureau (2015)
Tillamook County Wellness

A county-wide, multi-sector approach to reducing the risk for type 2 diabetes

Jessica (Dusti) Linnell, PhD
Asst. Professor of Practice, Family & Community Health, Tillamook & Lincoln Counties
By 2027, the number of people in Tillamook County who are at risk of diabetes will decrease, through:

- Change **knowledge, beliefs and attitudes**
- Diabetes **screenings**
- Increase **access** to healthy food
- Increase **access** to physical activity
- Promote healthy behaviors in the **workplace**
- Create **community culture** that promotes healthy behaviors

**Where we need help**
- Translate research into practice
- Community-based research opportunities are seemingly endless!

**Contact me**
Jessica (Dusti) Linnell, PhD
503-842-3433
Jessica.Linnell@oregonstate.edu
Q&A
Session III
Paulina Kaiser

- MPH, PhD in social epidemiology
- CPHHS instructor in epi
- Research Development Manager at Samaritan since 2016

Samaritan Health Services

- Nonprofit regional healthcare system
  - 5 hospitals (3 critical access) + 80 outpatient clinics
  - 188k patients in 2017
- 100+ residents & fellows
Research Opportunities

- Population health
- Translational research
- Social determinants of health
  - Care coordination for homeless patients
- Quality metrics:
  - Readmission
  - Mortality

Resources

- Funding:
  - IHN-CCO Delivery System Transformation (DST) pilot projects
  - Erkkila grants
- Expertise:
  - Physician consults
  - Scientific Review Committee
- Data: Epic EMR

Save the date!

(2nd annual)
Samaritan Research Symposium
May 17, 2019
4-6pm
Good Samaritan Regional Medical Center
Abstacts due in April

Email pkaiser@samhealth.org
David W. Rothwell, PhD
Poverty and Family Financial Wellbeing in Oregon

Welfare Utopia
Oregon, one of the whitest states in the union, also has one of the most generous safety nets. Is that a coincidence or something more troubling?

Email: david.Rothwell@oregonstate.edu
Twitter: @davidwrothwell
Web: http://health.oregonstate.edu/rothwell
My expertise / my contributions

• Measurement
  • Household/family finances
  • Federal and state social assistance / safety net programs

• Topics: Poverty, social stratification and inequality

• Data: Census surveys; administrative data

• Oregon, rural America, cross-national comparisons

I seek expertise in

• Understanding historical changes and current challenges in Oregon’s nonmetro communities

• Identify places in Oregon where changes in economy and society have been most and least extreme

Email: david.Rothwell@oregonstate.edu
Twitter: @davidwrothwell
Web: http://health.oregonstate.edu/rothwell
### SELECTED ECONOMIC CHARACTERISTICS—Family Income, Oregon

<table>
<thead>
<tr>
<th>Income Range</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Less than $10,000</td>
<td>4.3%</td>
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<tr>
<td>$14,999</td>
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<td>16.5%</td>
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<tr>
<td>$199,999</td>
<td>5.8%</td>
</tr>
<tr>
<td>$200,000 or more</td>
<td>5.7%</td>
</tr>
</tbody>
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Source: U.S. Census Bureau, 2012-2016 American Community Survey 5-Year Estimates
SELECTED ECONOMIC CHARACTERISTICS—Family Income, Oregon

Source: U.S. Census Bureau, 2012-2016 American Community Survey 5-Year Estimates
Jangho Yoon
Health Management and Policy

Areas of Research
1. Health policy/program evaluation
2. Health delivery systems research
3. Health economics
4. Applied econometrics
5. Mental and behavioral health
Emerging Projects

• ROI in public mental health
  • Inter and intra-system
    • Interaction with criminal justice system (CJS); poverty; suicide
  • Evaluation of mental health resources on population mental health
    • Inputs: Inpatient capacity, community programs, acute services
    • Outcomes: ED visits/boarding, hospitalizations, law enforcement, incarceration

• Spill-over effects of health system transformation
  • Impact of CCOs on CJS and welfare
“The arts help transform American communities and... the result can be a better child, a better town, a better nation and certainly a better world.”

- ROBERT L. LYNCH, PRESIDENT, AMERICANS FOR THE ARTS

“Art is not a handicraft, it is the transmission of feeling the artist has experienced.”

- LEO TOLSTOY
Notice
Feel
Remind
Wonder
BUILDING CONNECTIONS IN COMMUNITIES
Q&A
Thank you –
Please join us at the reception!