

Enhancing Community-based Quality Improvement in Healthcare via Partnership with **PBRNs**

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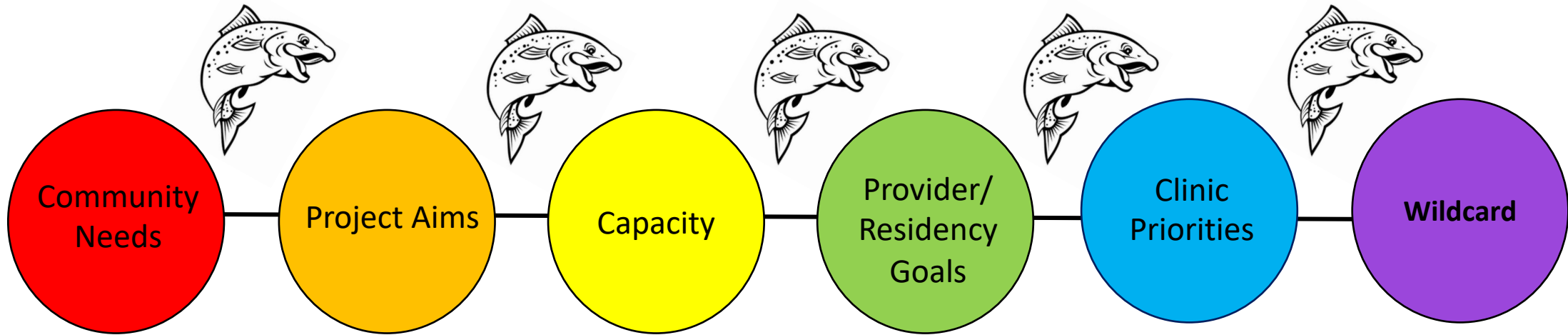
Aligning Goals for Mutual Benefit

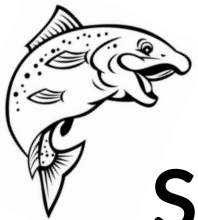
Objectives



- Describe how RTTs and rural health centers partner with Practice Based Research Networks (PBRNs) to align goals in healthcare Quality Improvement (QI) by:
 - **Community-based QI**: Involving clinics and residencies in community-based and community-vetted research
 - **Residency-based QI**: Connecting faculty and residents to community organizations that can inform and support QI teaching and resident projects
 - **Clinic-based QI**: Boosting QI capacity within rural clinics and encouraging partnership between clinics and community organizations

Aligning Goals





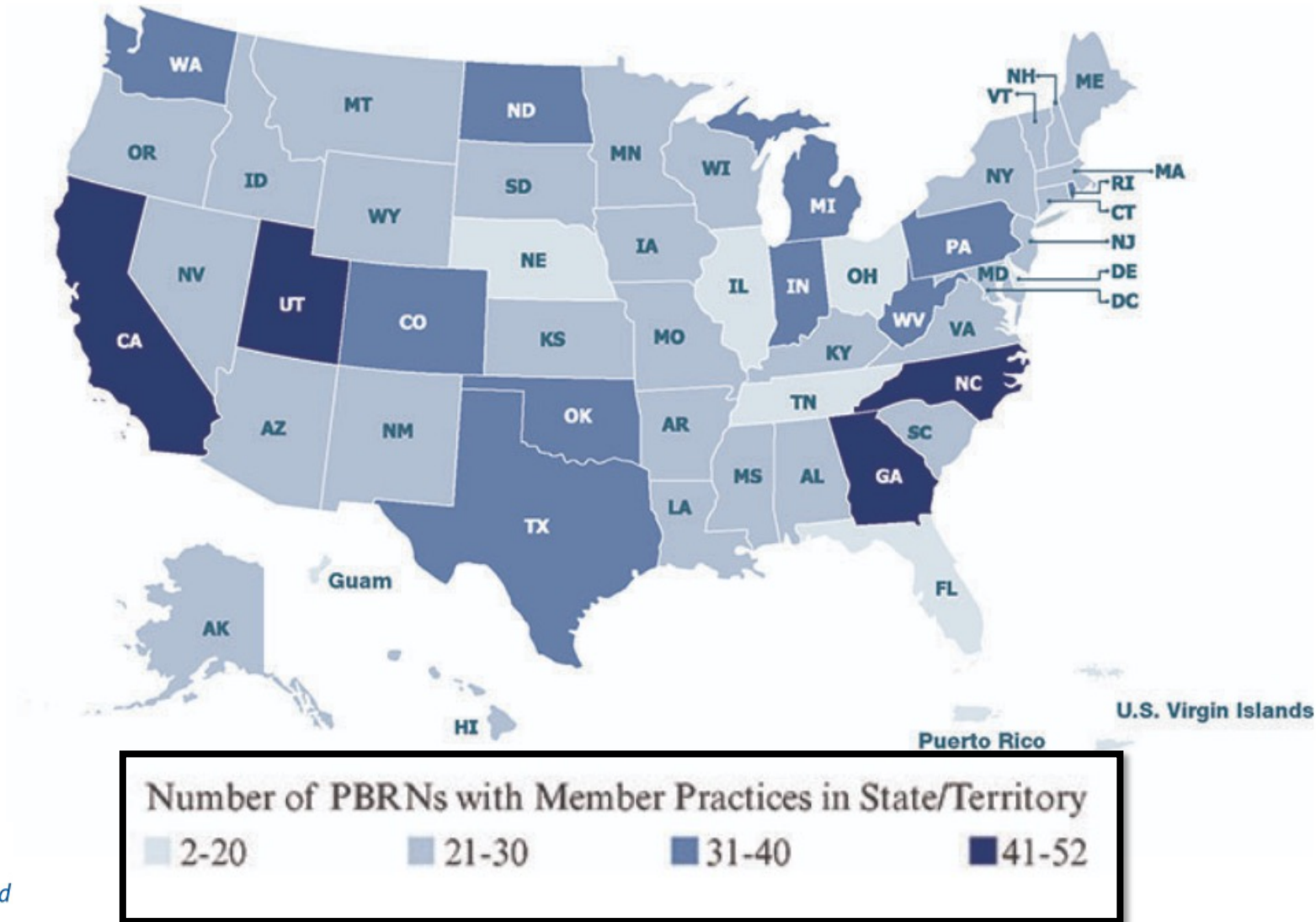
Setting & Definitions

- Practice-based Research Networks (PBRNs)
- The Oregon Rural Practice-based Research Network (ORPRN)
- Clinical Translational Science Award Hubs (CTSAs)
- The Community Health Advocacy and Research Alliance (CHARA)
- Providence Hood River Family Medicine Residency Rural Training Program
- One Community Health (OCH): RHC, FQHC
- Rural Adolescent Vaccine Enterprise (RAVE)



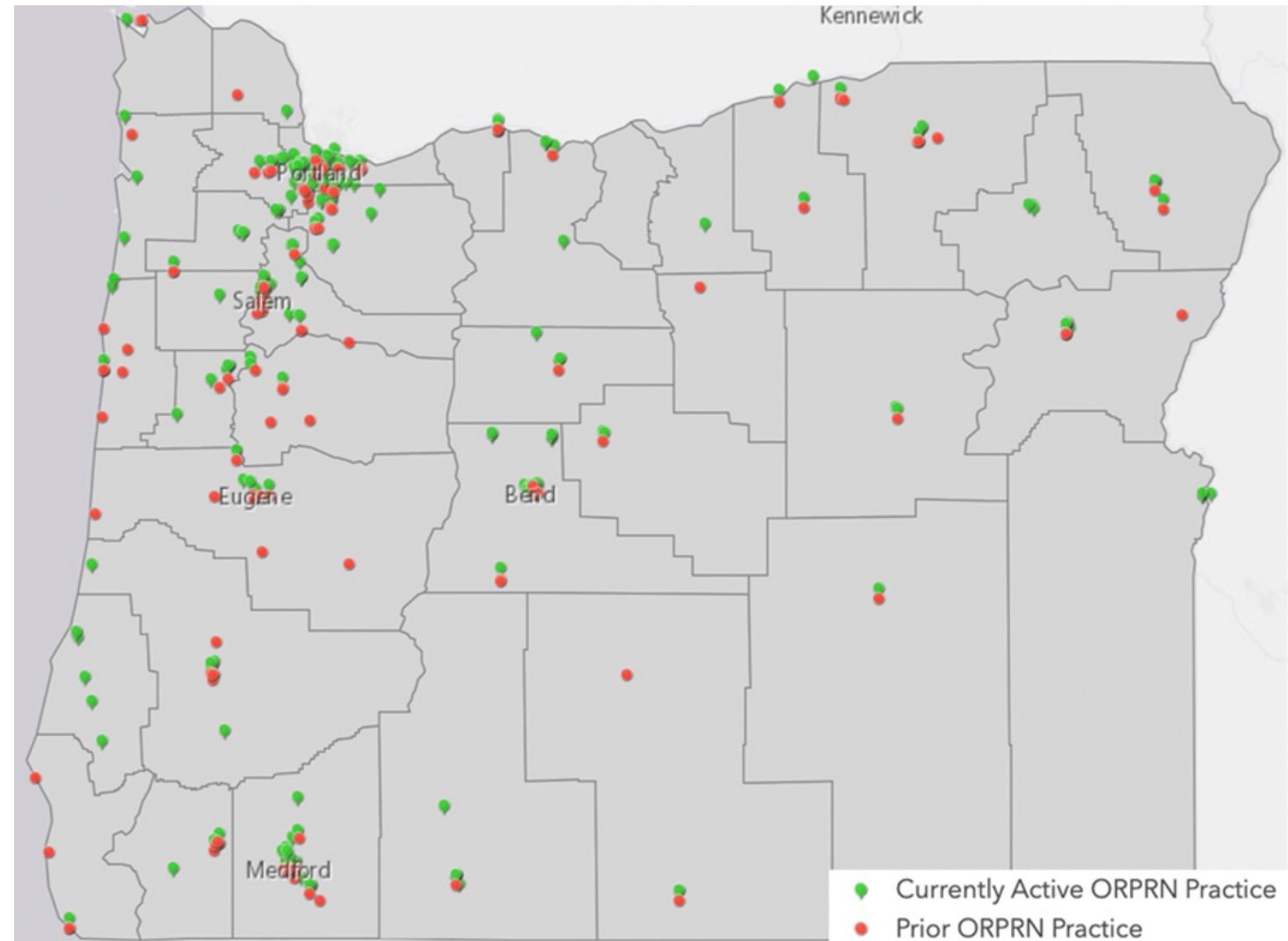
PBRN: Practice-based Research Networks

Agency for Healthcare Research & Quality



Oregon Rural Practice-based Research Network (ORPRN):

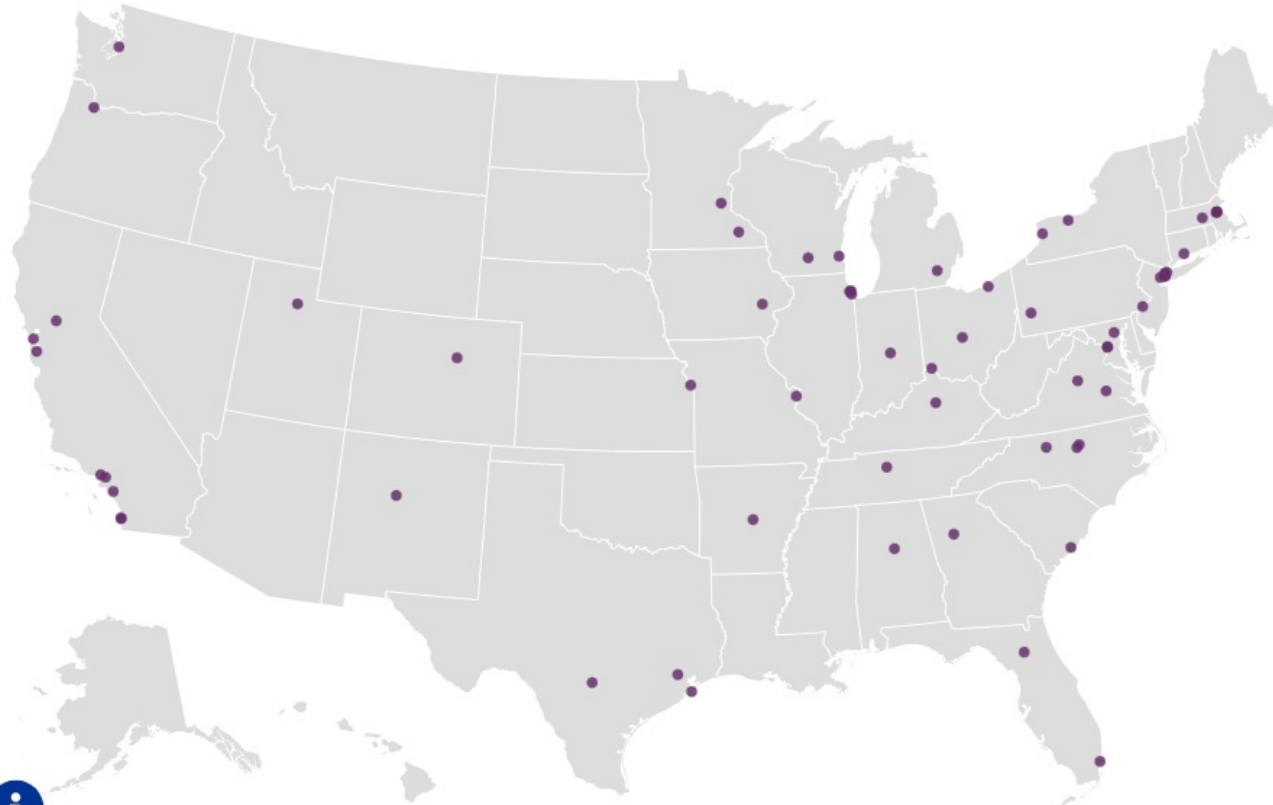
statewide network of primary care clinicians, community partners, and academicians dedicated to studying the delivery of health care, improving the health of Oregonians through community partnered dialogue, research, coaching, and education.



CTSA: Clinical & Translational Science Awards

funded by NIH National Center for Advancing Translational Sciences

CTSA Program Hub Directory



CHARA

Mission: Bringing together community stakeholders, patients, health care professionals, and researchers to collaboratively identify, design, and conduct pragmatic health research to answer questions that matter in the Columbia River Gorge.

Advisory Board:
Provides oversight and strategic direction

Introduce
researchers
to
community

Connect
community
to research
opportunities

Share
learnings

Support
program
evaluation

Track local
research
efforts

Provide
training and
technical
assistance

Identify
opportunities
for research
support

Providence Hood River Family Medicine Residency Rural Training Program

- Launched in 2013
- Fully accredited 1-2 Rural Training Program
- 6 residents, 2 per year
- QI curriculum:
 - 1st year Portland-based individual QI project
 - 2nd-3rd year Hood River clinic/community-based individual QI project





One Community Health (OCH)

- FQHC & RHC in Hood River, Oregon. Established 1986, formerly La Clínica del Cariño
- Mission: to advance health and social justice for all members of our community.
- Continuity clinic for the Providence Hood River Family Medicine Residency Rural Training Program

RAVE: Rural Adolescent Vaccine Enterprise

A rigorous study designed to test novel interventions for **increasing HPV vaccination completion in both males and females aged 11-17 years.**

18 month long facilitated clinic intervention

Boost Quality Improvement Capacity

Evidence-based practices to increase HPV vaccination in adolescents

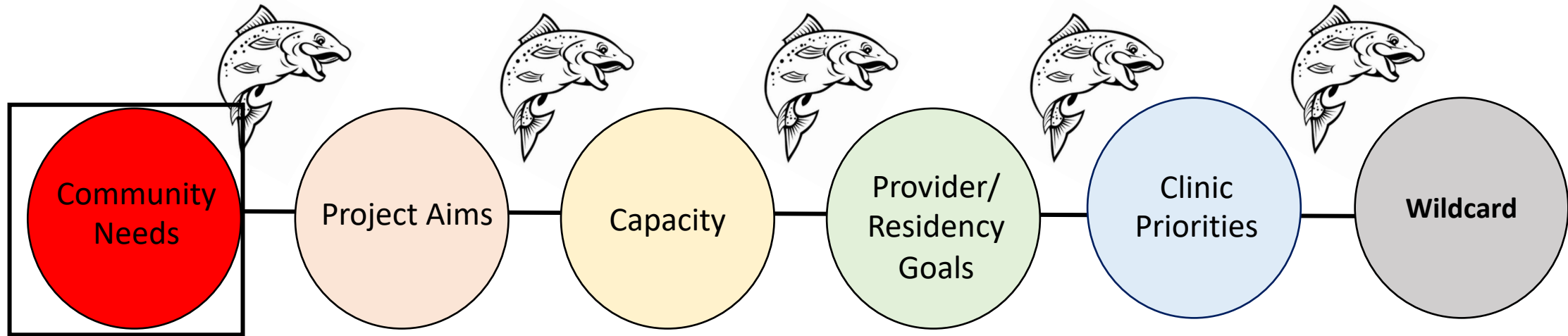
Community partnership



Example Projects & Research in Hood River: Involving Rural Health Centers, RTTs, PBRNs with Community input

- Increasing adolescent HPV Immunization rates (RAVE)
- Local high school medical profession career pathway
- Novel COVID testing & diagnostics
- Healthcare cost transparency
- Early multiple cancer detection testing
- Quality improvement capacity

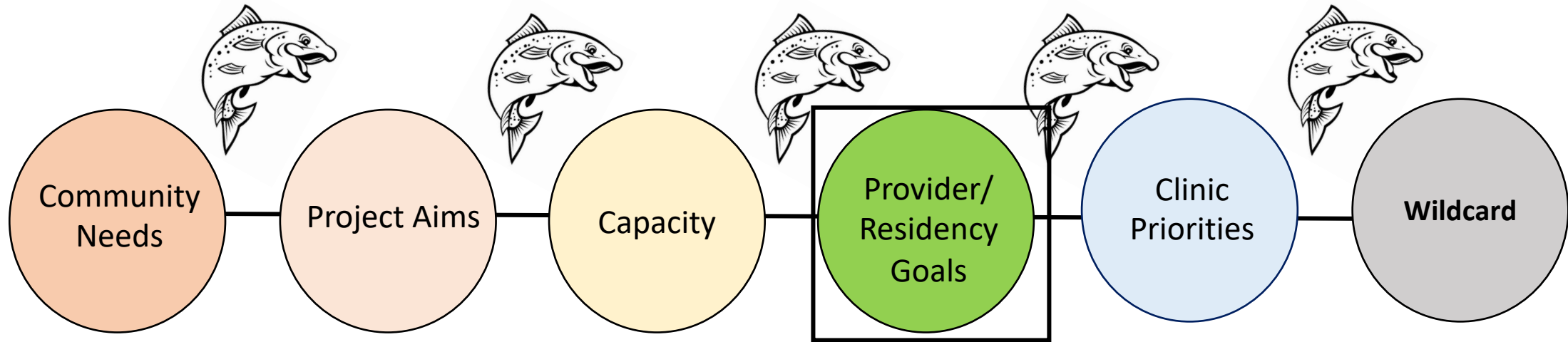
RAVE: Community Partnership



Community-based QI: CHARA

- Project assessment & feedback
- Resident proposals
- New Research from outside institutions
- Community needs + priorities
- Connection to resources
- Example: HPV coalition: Health Department, The Next Door, Prevention Dept and RAVE

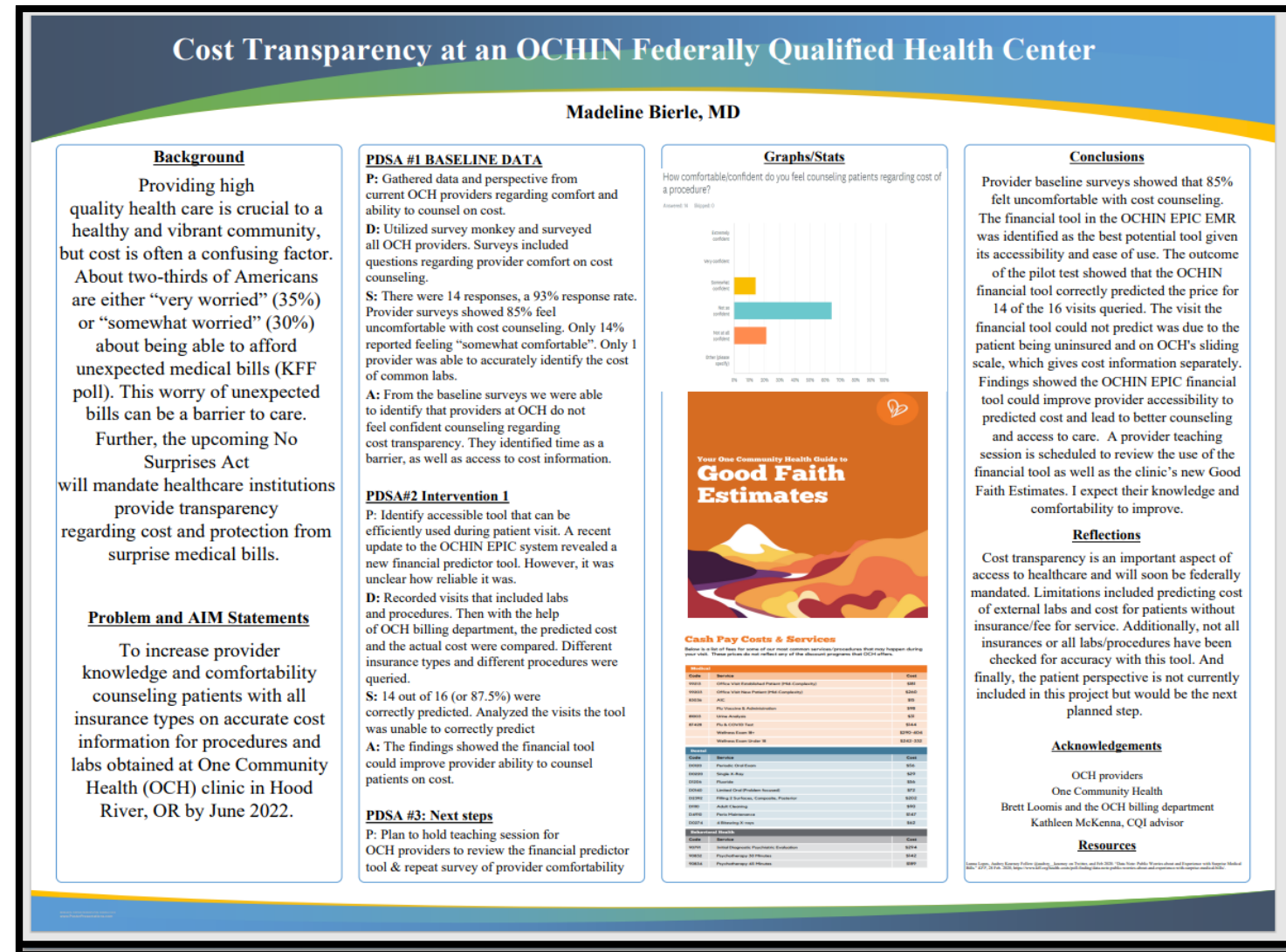
RAVE: Residency Partnership



Residency-based QI: Providence Hood River Family Medicine Residency Rural Training Program

Partnering with ORPRN

- Support for teaching QI
- Expanding the scope of QI Projects to be Community-based
- Providing opportunities for faculty development and research

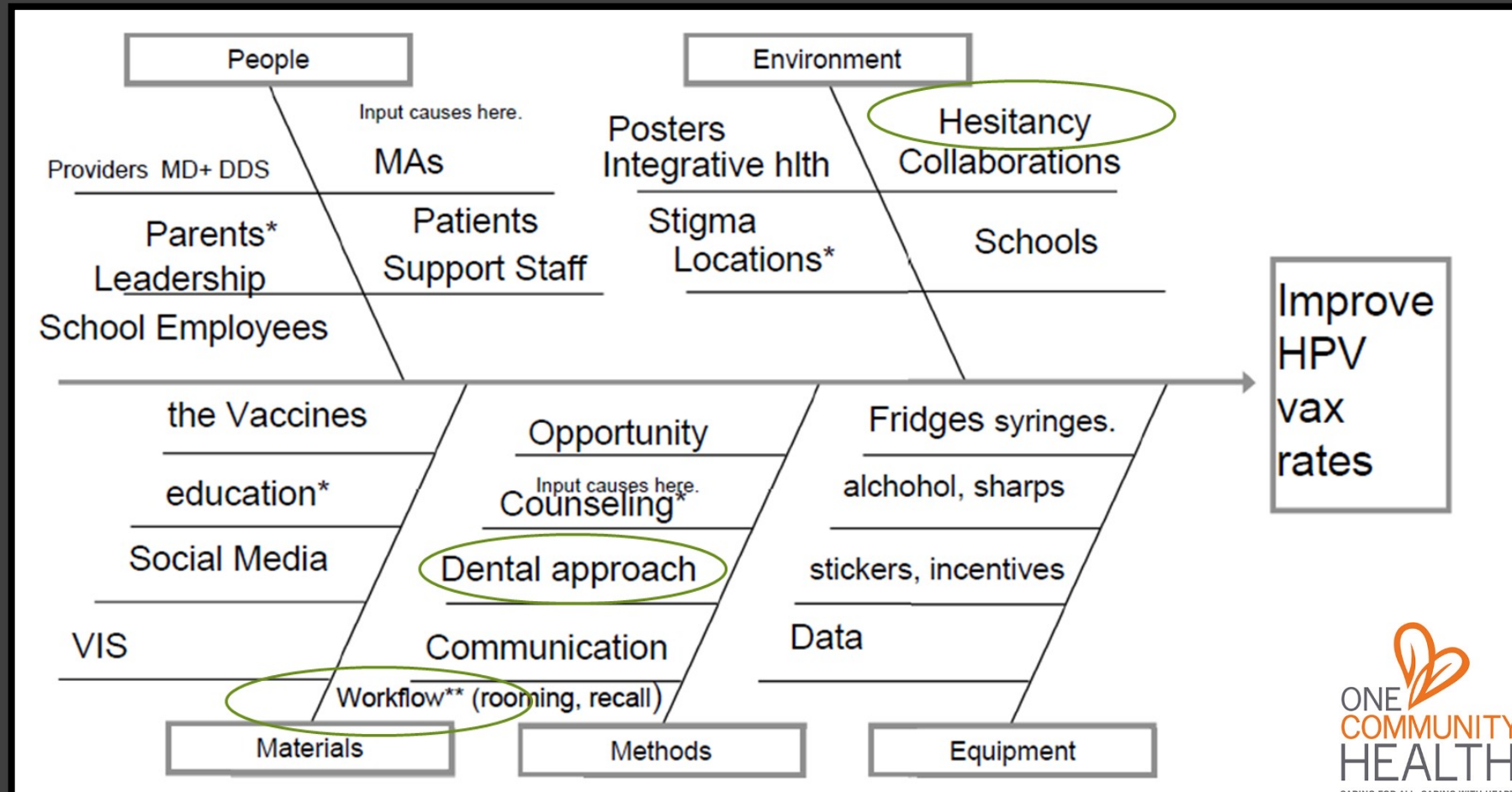


Applying QI Fundamentals in residency: RAVE

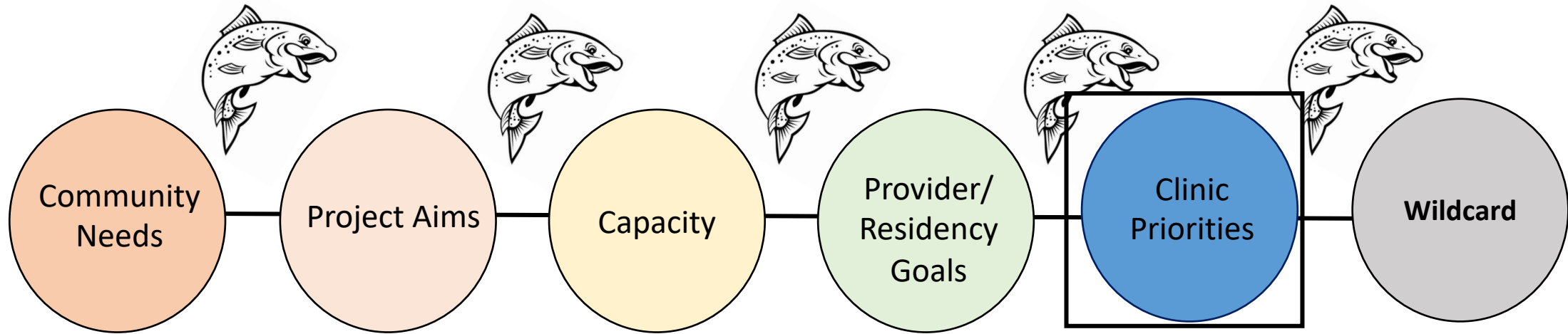
- Fishbone Diagram
- Model for Improvement
- PDSA cycles
- SMARTIE GOALS

Fishbone Diagram

Increase HPV vaccination completions to 70* among all 11-17 year olds by June 2022



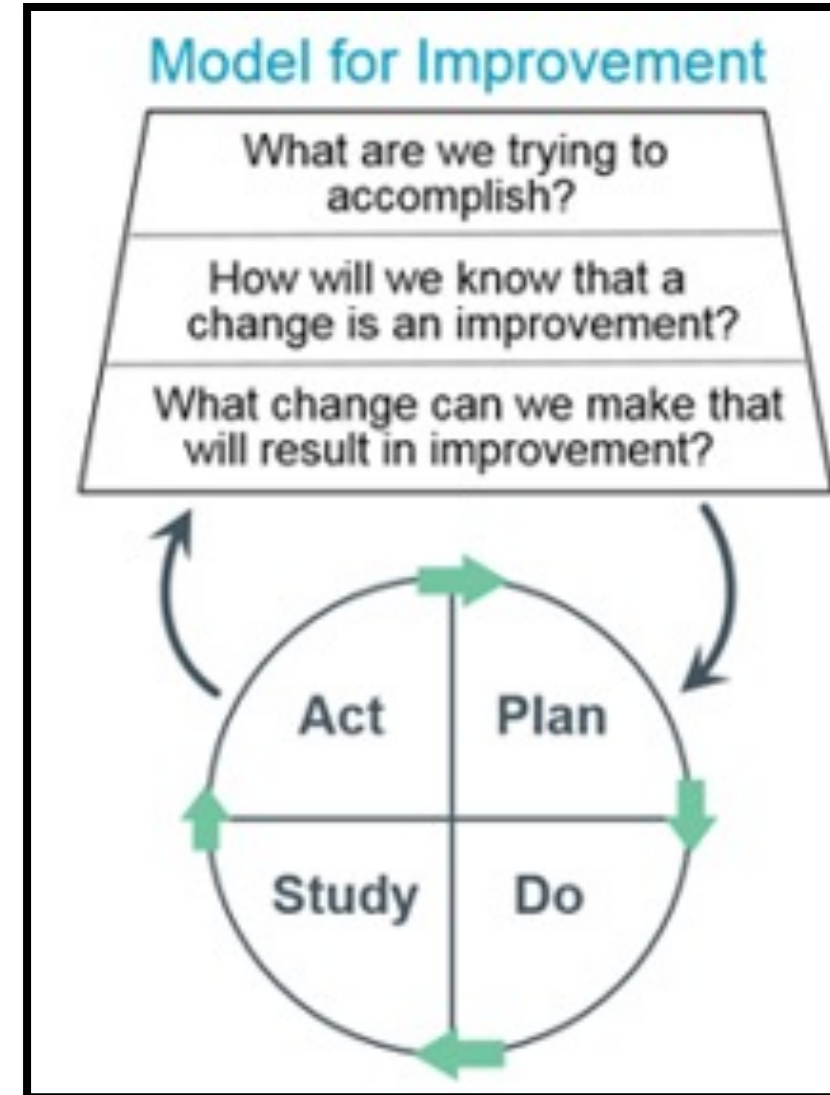
RAVE: Clinic Partnership



Clinic-based QI: One Community Health

Partnering with ORPRN

- QI organizational strategy
 - Quality Improvement Change Assessment
- QI skills + tools
- Cross departmental collaboration
- Evidence-based Best practices
- Facilitated project work
- Encouraging Community Partnership
- Research into an FQHC RHC



Clinic-based QI RAVE: HPV Quality Improvement at One Community Health

Cancer Prevention
Messaging to the
Community

Recall reminder magnets

Recall internal workflows

HPV awareness in dental

School based health center

Social Media



Protect your Kids from HPV-Related Cancers

You may have heard of it as the 'HPV virus'. HPV stands for Human Papillomavirus. HPV is a highly contagious virus that affects the skin and moist membranes of the body and in some cases can cause cancer.

90%
The Vaccine prevents 90% of cancers. Immunization works and prevents over 90% of cancers when administered before infection.

Ideal HPV Vaccine Age is 11 or 12 for boys and girls
Immunization can start as early as nine years old. Prevention is key!

The HPV virus is so common that it infects nearly 5.5 million people each year, including pre-teens.

Public Health
WASH STATE PUBLIC HEALTH DEPARTMENT

ONE COMMUNITY HEALTH
Caring for all, caring with heart.

Where can I get the HPV Vaccine?
HPV vaccines are available at your PCP's office or your local Public Health Department (541-506-2800).

One Community Health Patients: Call 541.386.6380 to schedule your child's HPV vaccine.

School backpack flyer

CANCER PREVENTION for your child starts at the DENTIST!

HPV and the Cancer Connection

HPV (human papillomavirus) is spread by intimate skin-to-skin contact.

Nearly 79 million people in the U.S. are infected, often without knowing it.

Some types of HPV can cause cancer of the tongue, tonsils, throat, cervix, vulva, vagina, anus, and penis.

About 34,800 people will develop cancer caused by HPV each year.

In the last 20 years, oral cancer cases have more than tripled in the USA.

DOCTORS RECOMMEND THAT ALL CHILDREN AGE 11-12 RECEIVE THE HPV VACCINE TO PREVENT CANCER. TALK TO YOUR DOCTOR ABOUT GETTING THE HPV VACCINE.

Look for this brochure to find out more

HPV Cancer PREVENTION CHECKLIST

- ✓ See the dentist yearly for an oral cancer screening
- ✓ Get the HPV vaccine
- ✓ Get regular Pap & HPV tests as recommended by your doctor

Understanding HPV & Cancer at the Dentist

HPV
Human Papillomavirus
Spreading Skin-to-Skin Contact

For more information about HPV cancers and prevention, contact the Washington State Department of Health.
www.doh.wa.gov/immunization
DC2920b.wa.gov
PO Box 67463, Olympia, WA 98504

Washington State Department of Health
Health
Caring for all, caring with heart.
CUIDANDO A TODOS, CUIDANDO CON EL CORAZON

Hygienist goody bag flyer

HPV VACCINE REMINDER!

1st dose DATE: / / TIME:

2nd dose DATE: / / TIME:

PROTECT YOURSELF!

541.386.6380
ONECOMMUNITYHEALTH.ORG

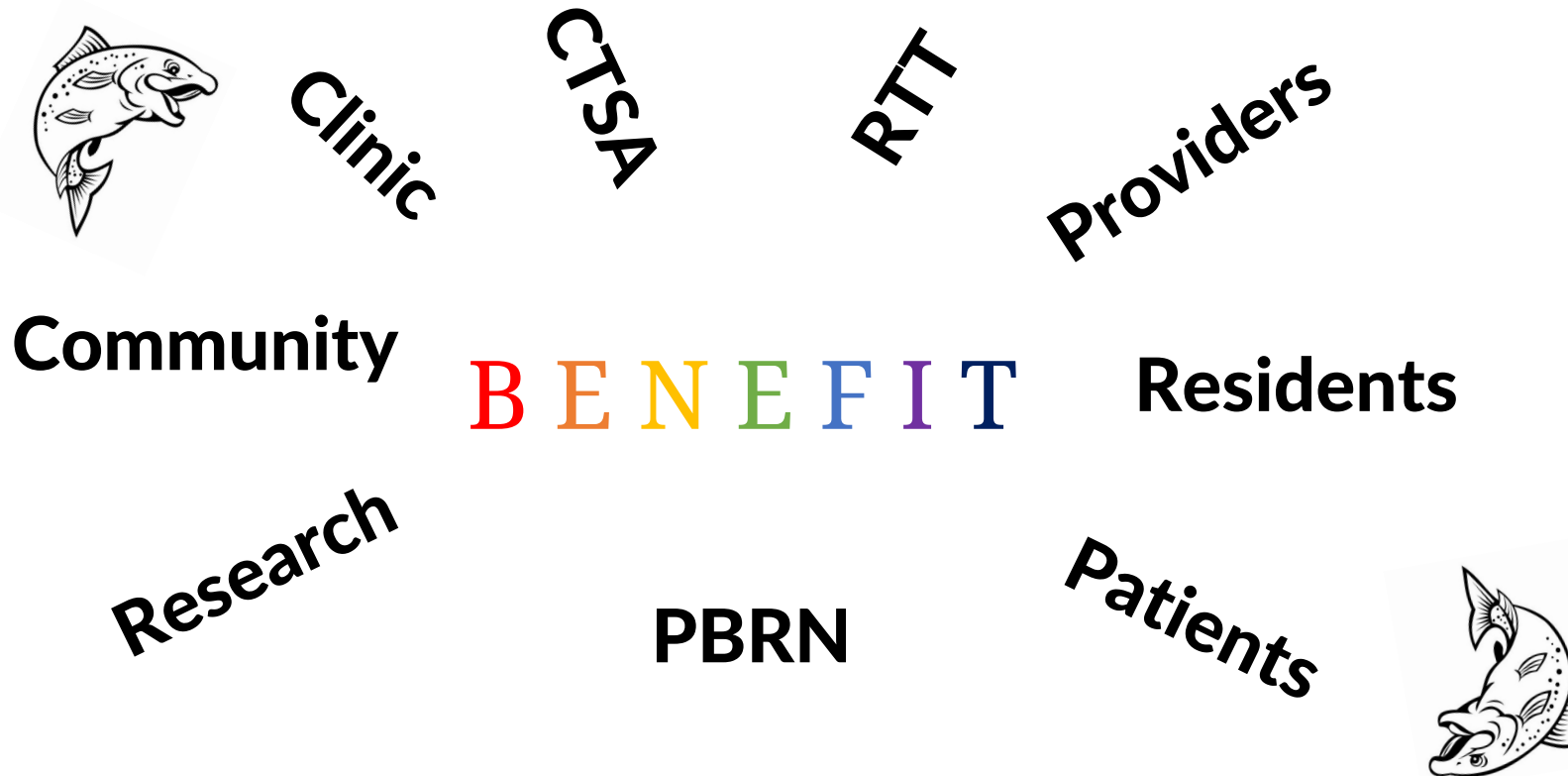
Magnet Reminder

ORPRN benefits

- Understanding the pulse of clinic setting, including priorities and roadblocks
- Access to minority underserved populations for research
- Competitive application for grants that reflect priorities of rural Oregon communities
- Practice network to connect clinician, researchers, legislators to improve health for Oregonians
- Understanding of the rural residency experience



Summary: community-based healthcare QI projects & research are created through healthcare partnerships that aligns goals for mutual benefit



What are your fish ladders?





Questions?

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