

# Utilizing the Determinants of Health to Improve the Work of Public Health

Clark County Public Health  
Spokane Regional Health District

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# Outline

- Determinants of Health Video Development
- Antecedent mapping exercise to identify root causes
- Implementation of staff training
  - Lessons Learned
- Discussion and Questions

# Video Development

- Educate staff on Determinants of Health
  - Provide a common language and definitions
  - Make relevant and real to work
    - Unnatural Causes
- Finding consistent Framework
  - Model development
    - Healthy People 2010
- Logistics
  - Video taping for online training
  - In person training by Diversity and Quality Team



# **ANTECEDENT CHARTS AND ROOT CAUSES**

Peggy Slider RN MS PHN  
Neighborhoods Matter  
Spokane Regional Health District

# Root Cause Analysis

- Trace back actions to determine where the problem started.
- Identify what happened
- Determine why it happened
- Figure out what to do to decrease the chances it will happen again.



# **THE PROTECTIVE FACTORS**



# PROTECTIVE FACTORS

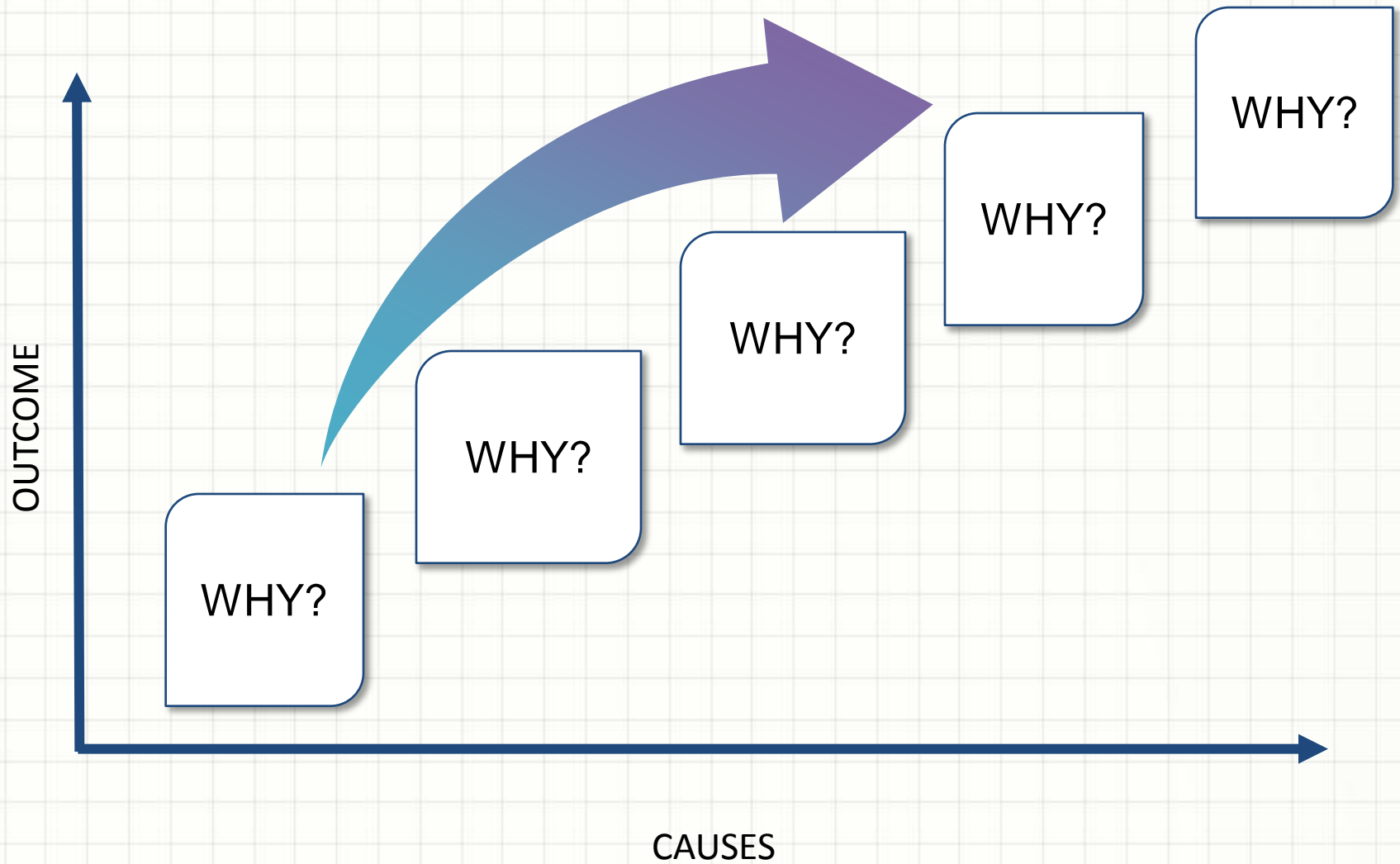
1. Parental Resilience
2. Social Connections
3. Knowledge of Parenting and Child Development
4. Concrete Support in Times of Need
5. Nurturing and Attachment

*From: Protecting Children by Strengthening Families. Center for the Study of Social Policy, 2004. For information visit [http://www.cssp.org/doris\\_duke/index.html](http://www.cssp.org/doris_duke/index.html)*



# THE 5 WHYS

# The 5 Whys



# Benjamin Franklin's 5-Why Analysis

For want of a nail a shoe was lost,  
for want of a shoe a horse was lost,  
for want of a horse a rider was lost,  
for want of a rider an army was lost,  
for want of an army a battle was lost,  
for want of a battle the war was lost,  
for want of the war the kingdom was lost,  
and all for the want of a little horseshoe nail.

The text above is a common extension of the original theme from Poor Richard's Almanac, June 1758.

# PROS AND CONS OF 5 WHYS

## Benefits

- Simplicity
- Effectiveness
- Comprehensiveness
- Flexibility
- Engages and encourages teamwork
- Inexpensive

## Drawbacks

- Members may feel threatened when questioned
- Members may get defensive re answers



# **THE ANTECEDENT CHARTS**



# The Antecedent Steps

1

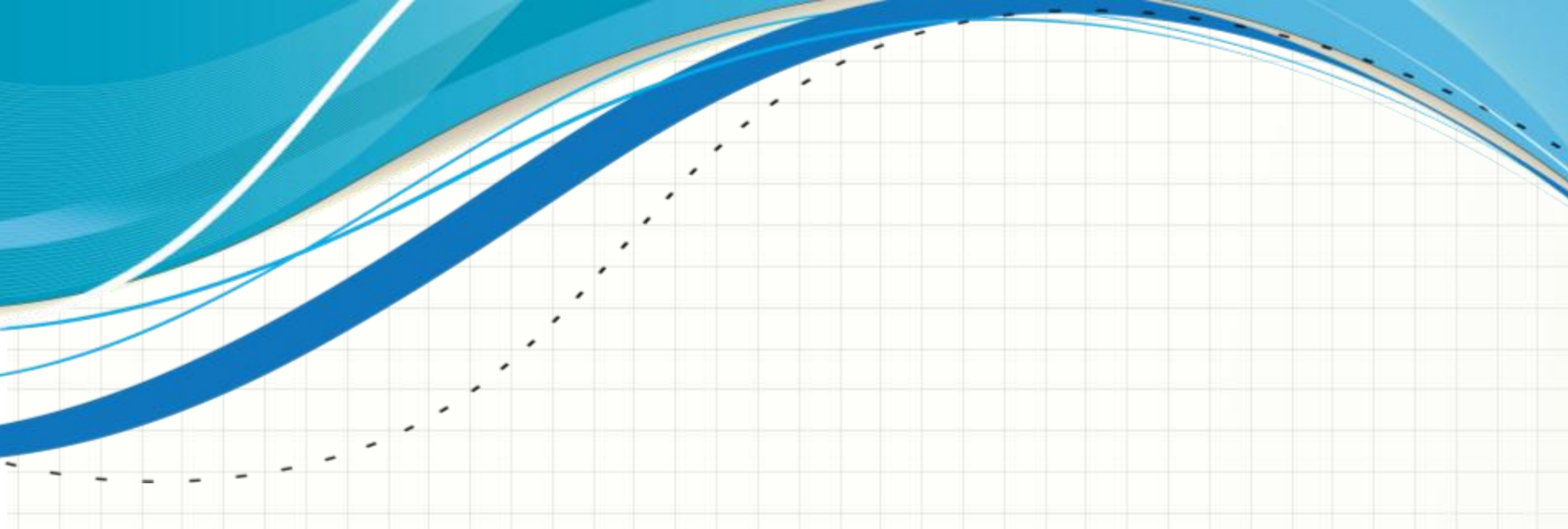
- Ask at least 5 Whys

2

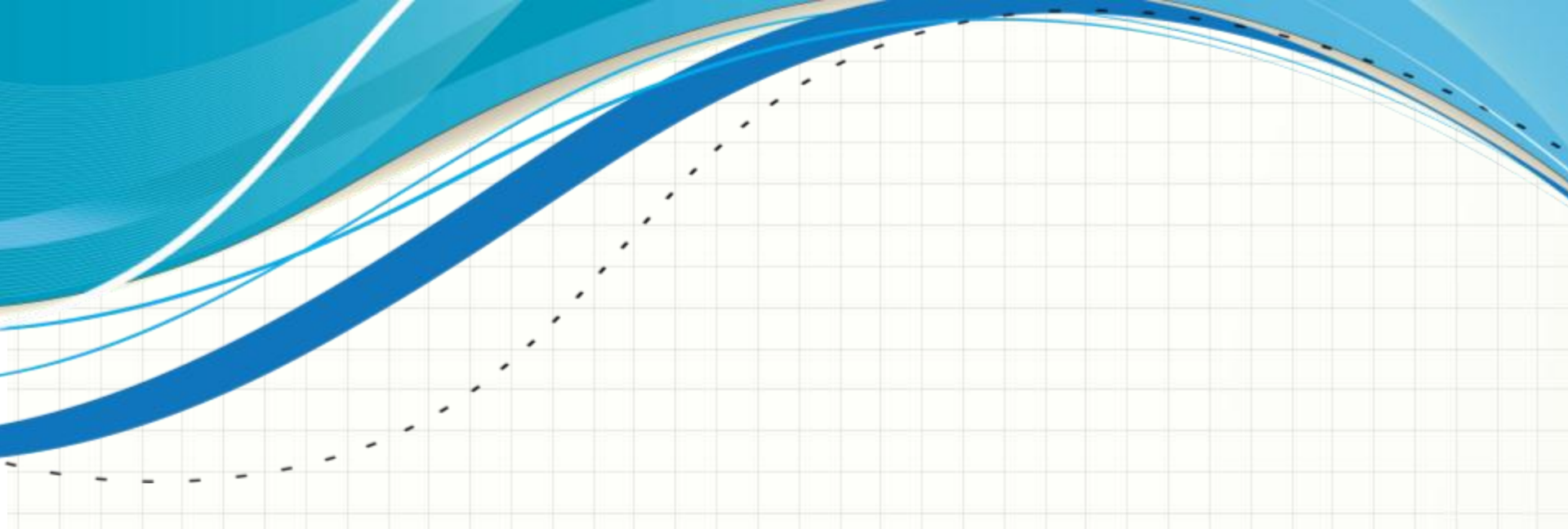
- Graph out in antecedent chart

3

- Look for commonalities or overlaps!



# Activity



**Clark County Public Health  
Diversity and Quality Team**

# Objectives of Training

- Educate staff on determinants of health
- Consistent terminology
- Make relevant to work

# Training

Introduction

Determinants of health video

Review definitions

Antecedent mapping

Wrap up/discussion

# Implementation

- Delivery by program
- 60 minutes during team meeting
- 1 facilitator and 1 scribe for each training

**DISPARITY**

**EQUITY**

**Inequity**  
**inequity**

# Determinants of Health

**Health**

## Determinants of Health

\*Biological \* Behavioral \* Physical Environment \*

\*Social \* Access to healthcare \* Policies and interventions \*



### Health Inequity

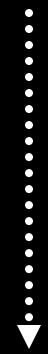
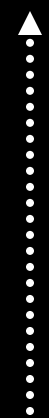
Differences in population health that can be traced to unequal economic and social conditions and are systemic and avoidable and thus inherently unfair

### Health Equity

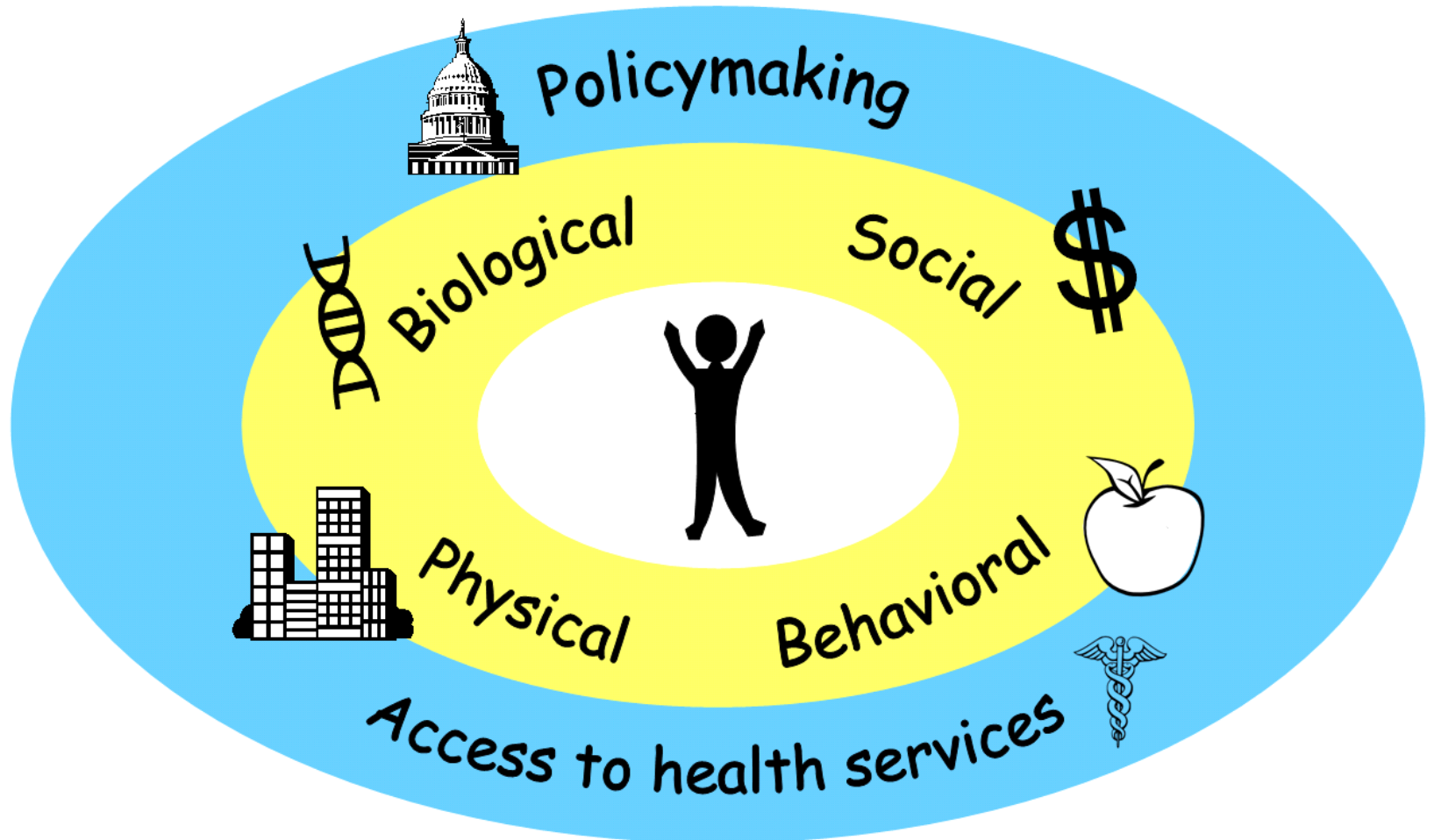
Everyone has a fair and equal opportunity to attain their full potential of health.

### Health Disparity

Differences in health status between different groups of people.



# Determinants of health





# Evaluation

- Pre and post-test
- Feedback from program managers
- Work in progress

# Challenges

- Scheduling conflicts
- Incorporating concepts into everyday work
- Antecedent mapping more difficult for some programs
- Evaluation

# Next Steps

- Feedback
- Use antecedent maps
- Future training



**TEAMWORK!**  
WORKING TOGETHER GETS THE GOODS!

# Acknowledgments

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Anne Johnston   Peggy Slider

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Maria Maribona   Jennifer Merte   Marni Storey   Belinda Walker

# Thank you!

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