

A large, dark blue L-shaped graphic is positioned on the left and bottom sides of the slide, framing the central text. The vertical bar is on the left, and the horizontal bar is at the bottom, meeting at the bottom-left corner.

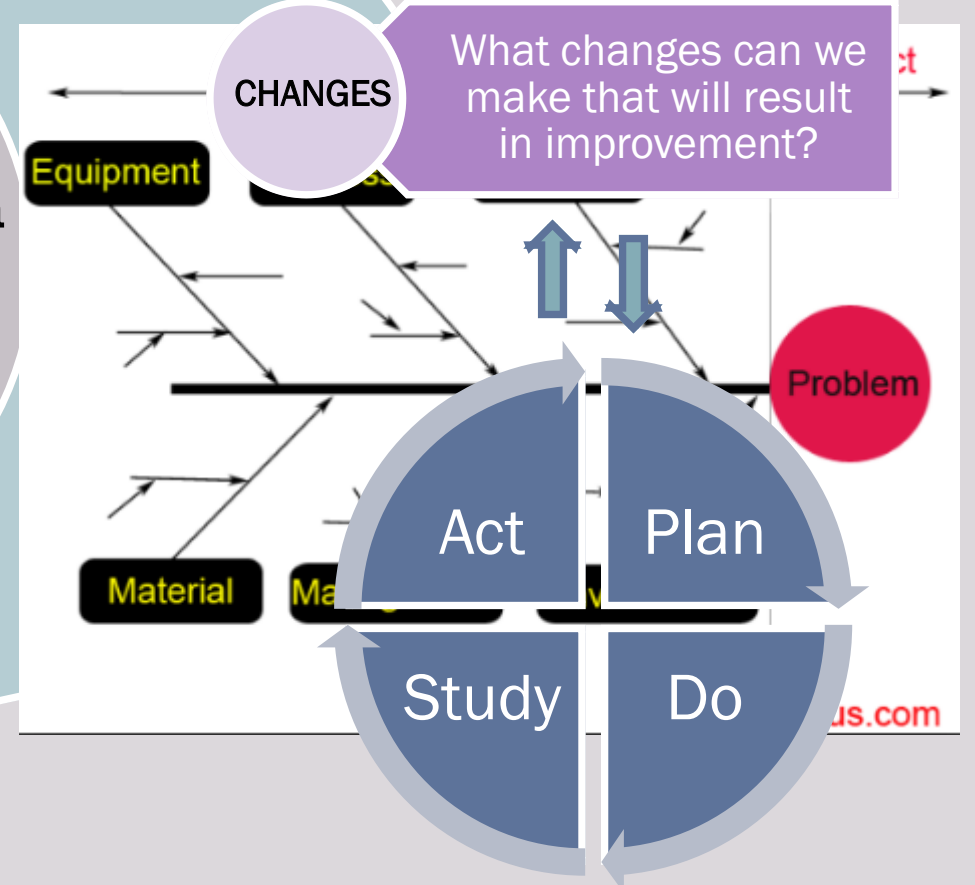
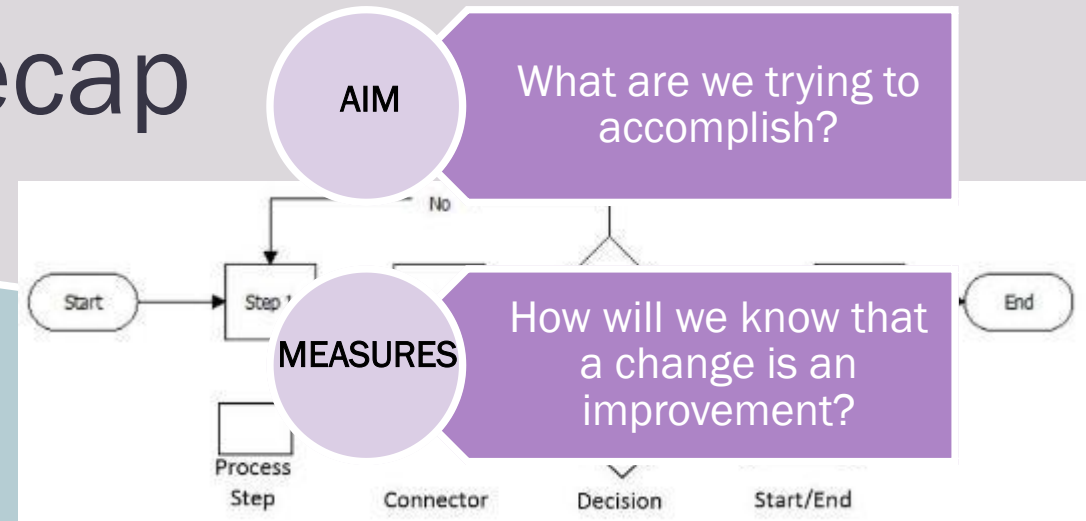
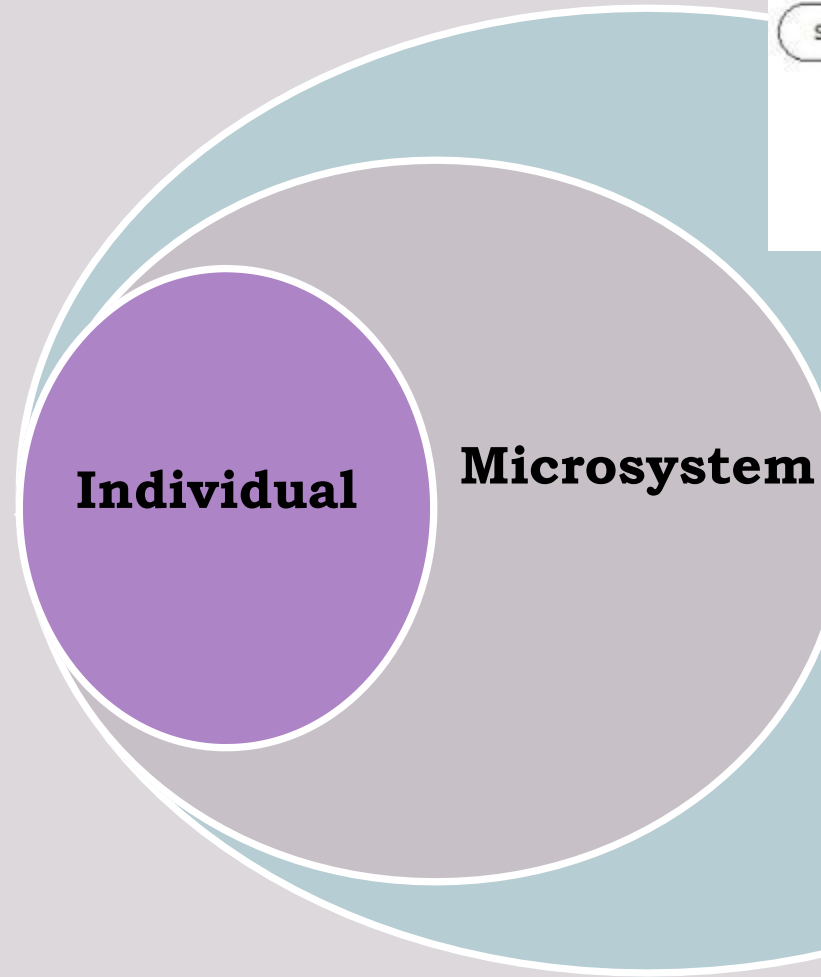
TEACHING IMPROVEMENT
SCIENCE (TIS) CURRICULUM:
WEEK 3



Today's Agenda

- **Recap Week 2**
- Macrosystems
- Structural Competency
- Levels of Intervention
- Making Change Happen
- Debrief of Systems

Systems Mini-Series Recap





Today's Agenda

- Recap Week 2
- **Macrosystems**
- Structural Competency
- Levels of Intervention
- Making Change Happen
- Debrief of Systems

Special Thanks to:

*Berkeley Critical Social
Medicine Collective Structural
Competency Working Group.*

Robin Tittle & Kaleb Keyserling

Macrosystems: What impacts health?

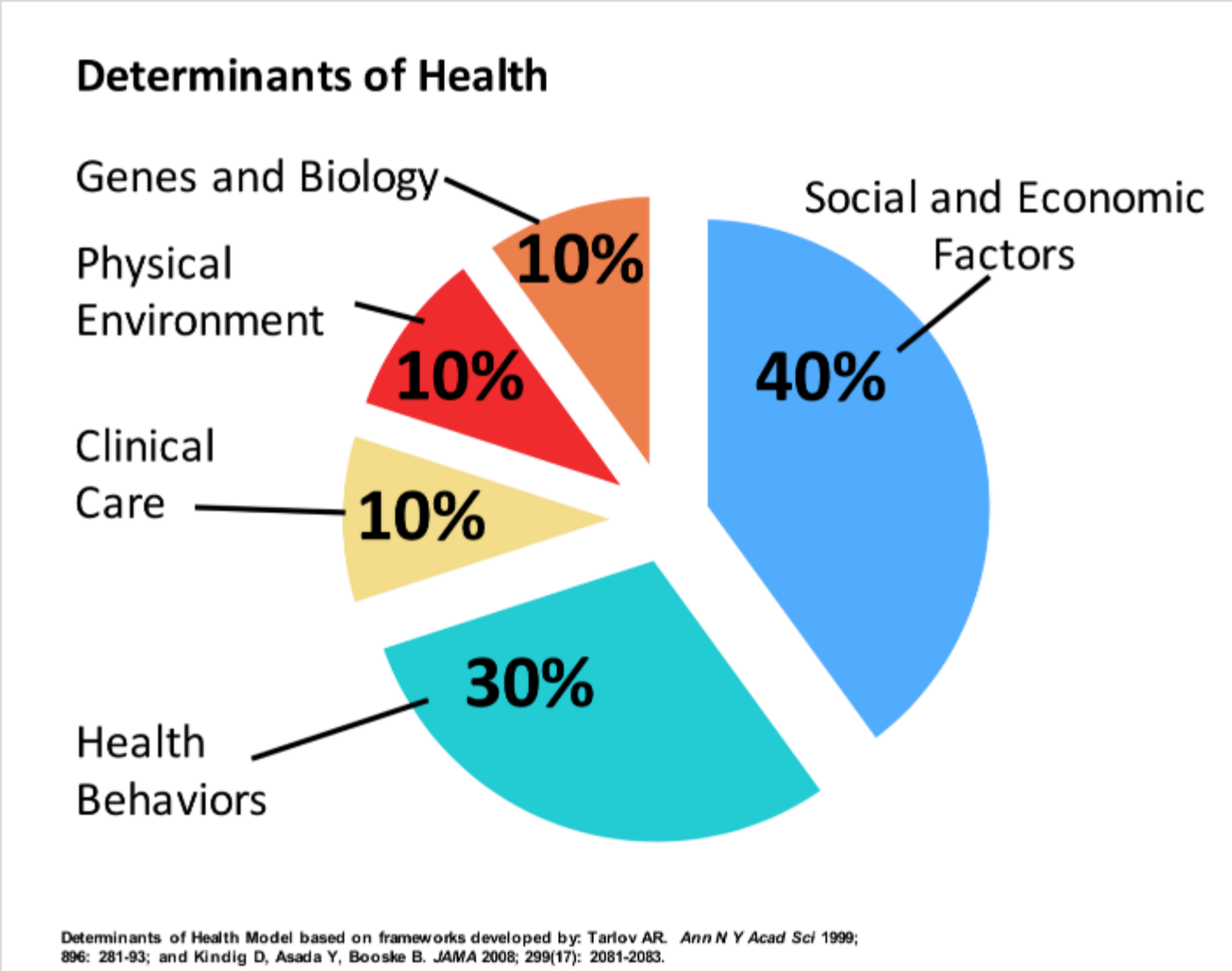


Figure 1

Social Determinants of Health

| Economic Stability | Neighborhood and Physical Environment | Education | Food | Community and Social Context | Health Care System |
|--------------------|---------------------------------------|---------------------------|---------------------------|------------------------------|---|
| Employment | Housing | Literacy | Hunger | Social integration | Health coverage |
| Income | Transportation | Language | Access to healthy options | Support systems | Provider availability |
| Expenses | Safety | Early childhood education | | Community engagement | Provider linguistic and cultural competency |
| Debt | Parks | Vocational training | | Discrimination | Quality of care |
| Medical bills | Playgrounds | Higher education | | Stress | |
| Support | Walkability | | | | |
| | Zip code / geography | | | | |

Health Outcomes

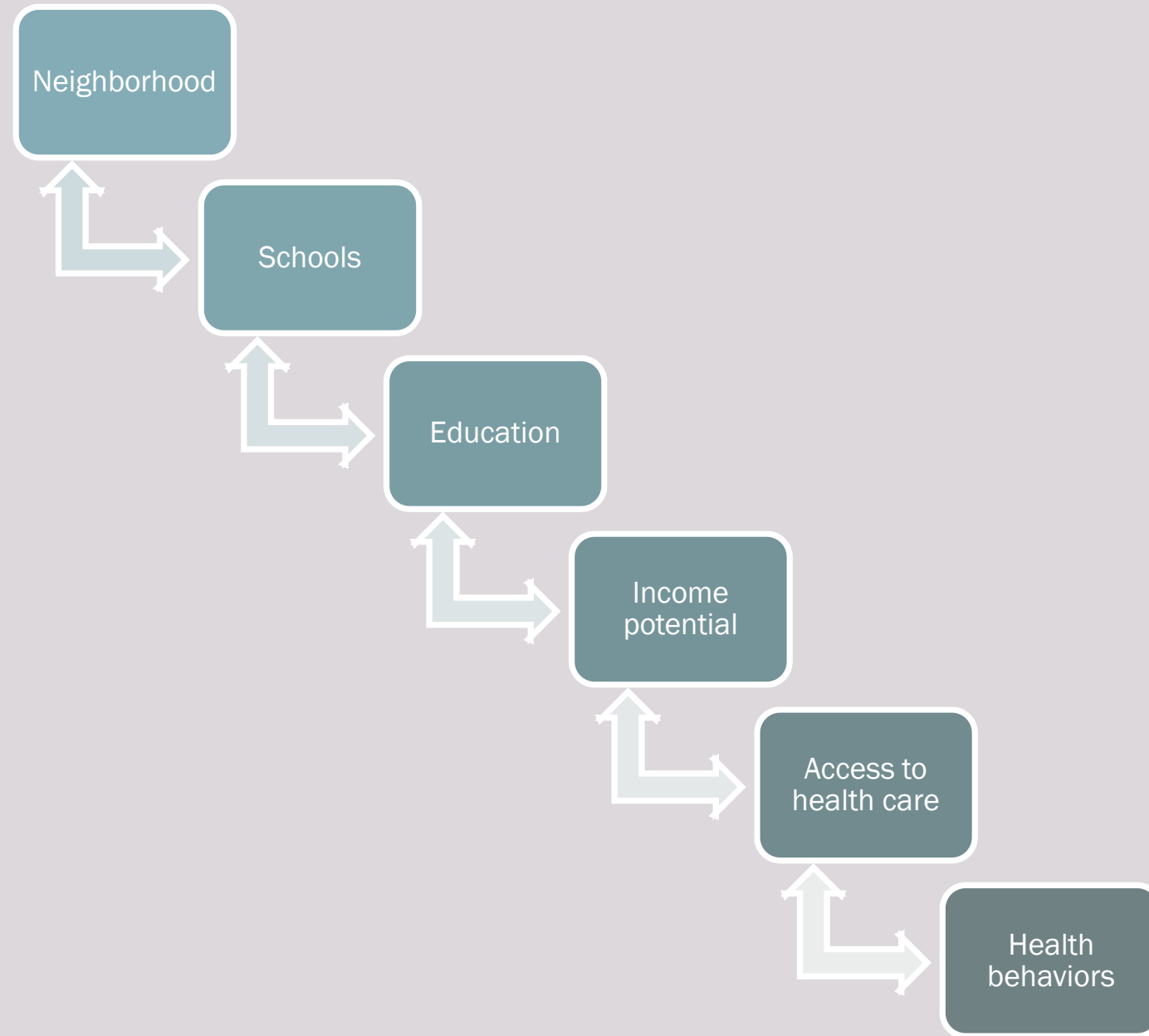
Mortality, Morbidity, Life Expectancy, Health Care Expenditures, Health Status, Functional Limitations



Social determinants of health are conditions in the environments in which people live, learn, work, play, worship, and age that affect a wide range of health, functioning, and quality-of-life outcomes and risks.

- *Healthy People 2020*, CDC

Determinants of Health Interplay





What affects social determinants?

- Life expectancy
- Quality of life
- Medical co-morbidities

Health care
disparity



Structural determinants of health:

The policies, economic systems, and other institutions (policing and judicial, schools, etc.) that have produced and maintain modern social inequities as well as health disparities, often along the lines of social categories such as race, class, gender, and sexuality.

Structural

- Societal and cultural values
- Public Policies: Legal System
- Social policies: Fair Housing
- Macroeconomic Policies: Labor Market

Social

- Poverty
- Poor Education Access
- Housing Insecurity

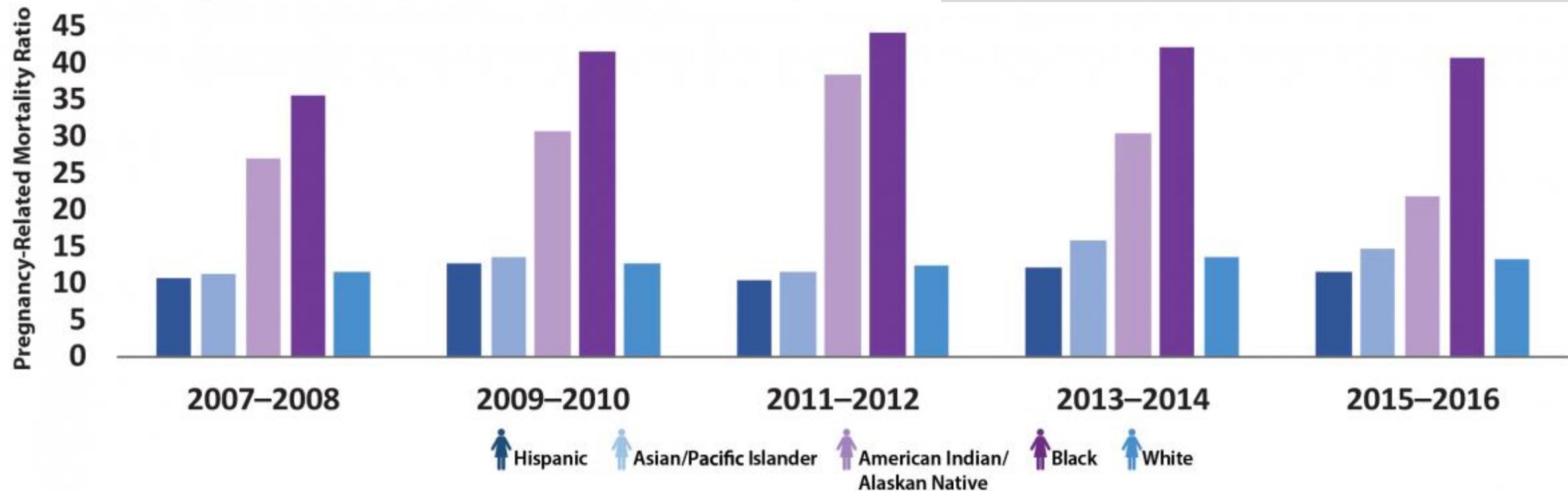
Health Outcomes

- Higher Mortality



Recognizing influences of structures on patient health: Structural Racism

Chart 1:
Percent of Black Americans Saying They Have Ever Been
Personally Discriminated Against In Each Situation Because They Are Black



Trying to vote or participate in politics 19

So... what is *Structural Competency*?

The capacity for health professionals to ***recognize and respond*** to health and illness as the downstream effects of broad social, political, and economic structures.

-Health Outreach Partners 2017





Today's Agenda

- Recap Week 2
- Macrosystems
- **Structural Competency**
- Levels of Intervention
- Making Change Happen
- Debrief of Systems



CASE EXAMPLE

-Read through H&P

Access H&P

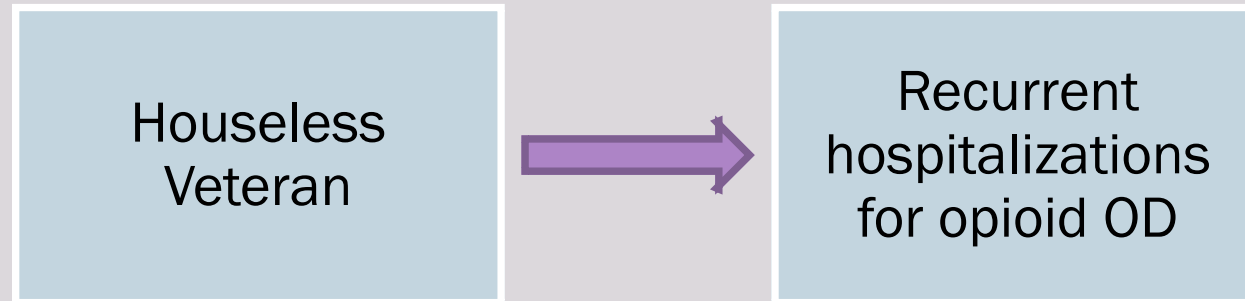
** Case Sensitive**

bit.ly/HPIRedEagle



Standard Medical Interpretation

How would you summarize this patient?

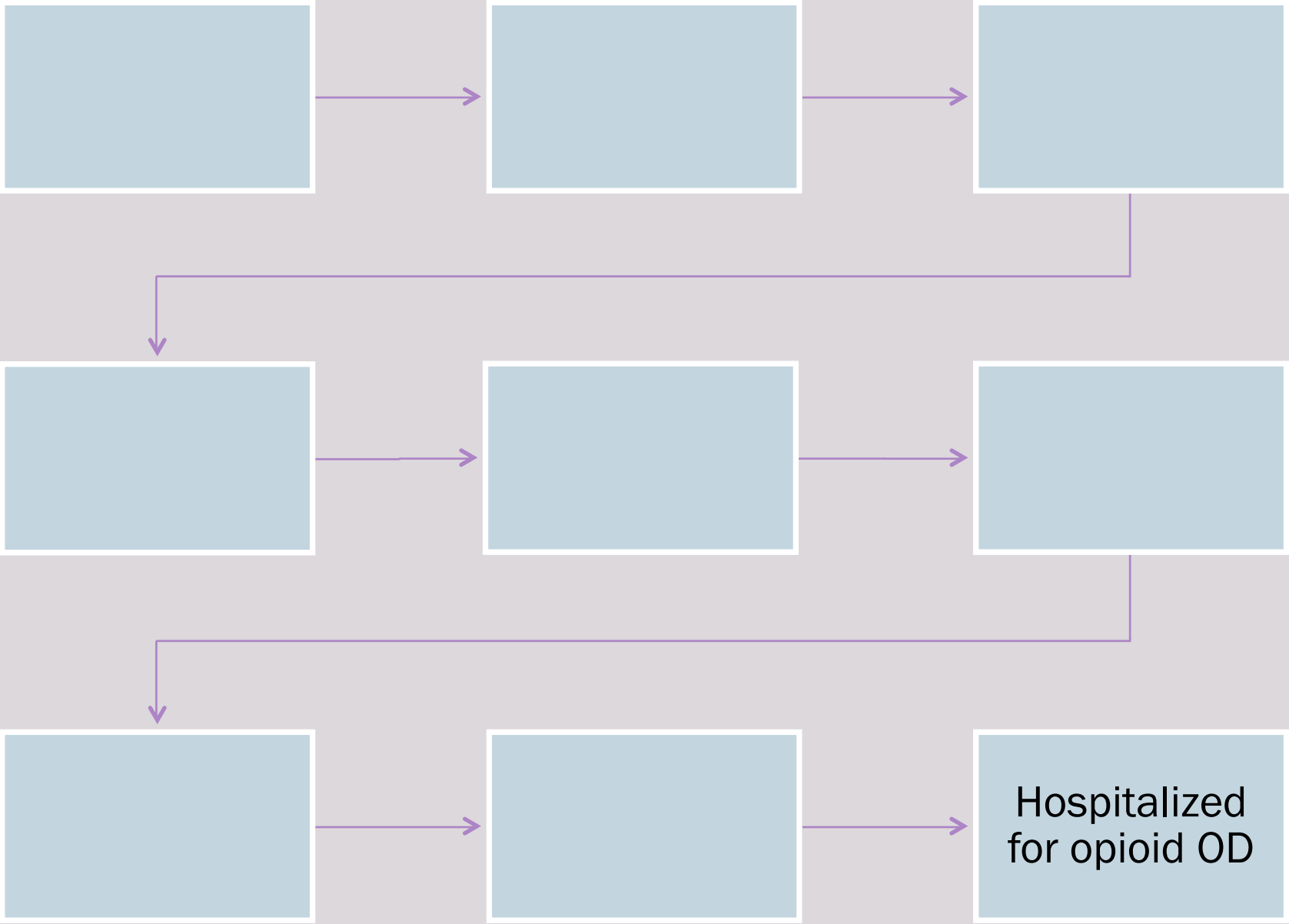


Further questions:

1. What type of words were used in this H&P?
2. What questions do you have for the patient that might help you better understand the situation?
3. Where else in the chart might you look to get a fuller understanding of the patient?

Expanded Interpretation

Start



Now



CASE EXAMPLE CONTINUED...

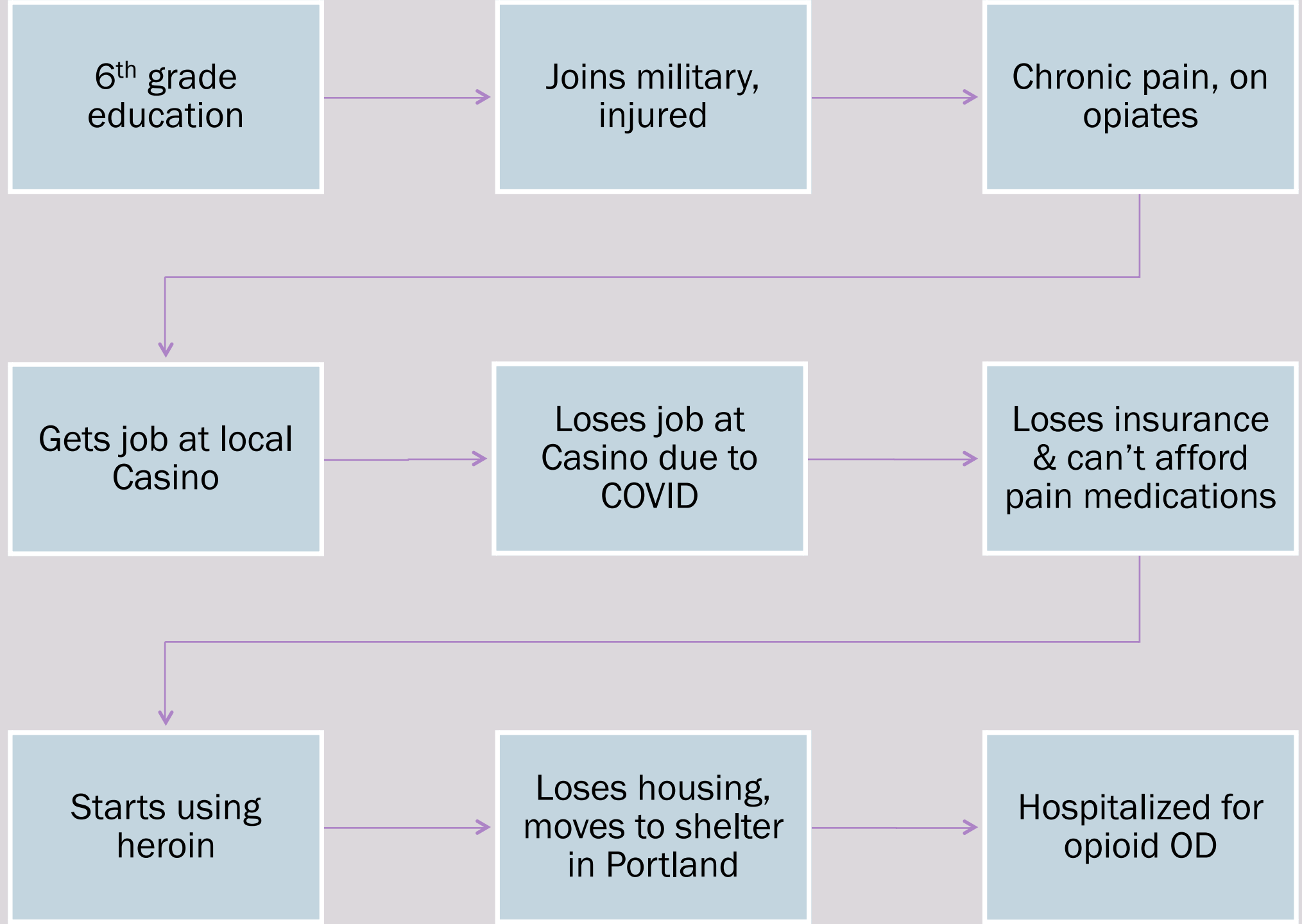
1. *Read RN, SW, Chaplain notes.*
2. *Fill out Expanded Interpretation Map in small groups.*

Access Note

** Case Sensitive**

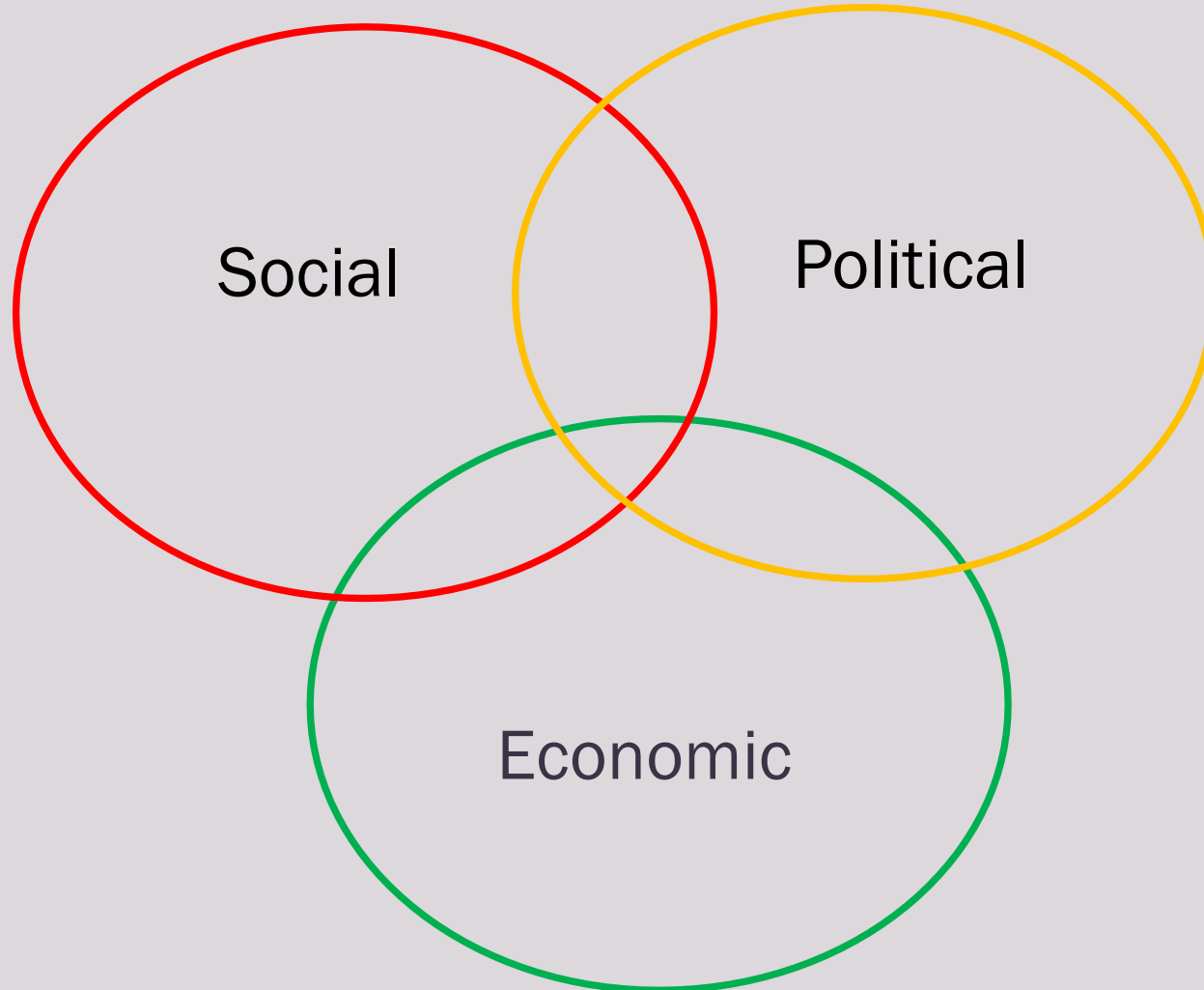
bit.ly/MultiDNotes





Brainstorming the macrosystems...

Structural Determinants of Health



In Emergency Department After Found on the Street ← Begins Drinking More Heavily ← Gets Assaulted

US immigration Policy/Discrimination

City policies contributing to high rents & displacement

Begins Working as Day Laborer →

Injury, Can't Work →

Can't Pay Rent, Moves to Street

No Health Insurance

North American Free Trade Agreement (NAFTA)

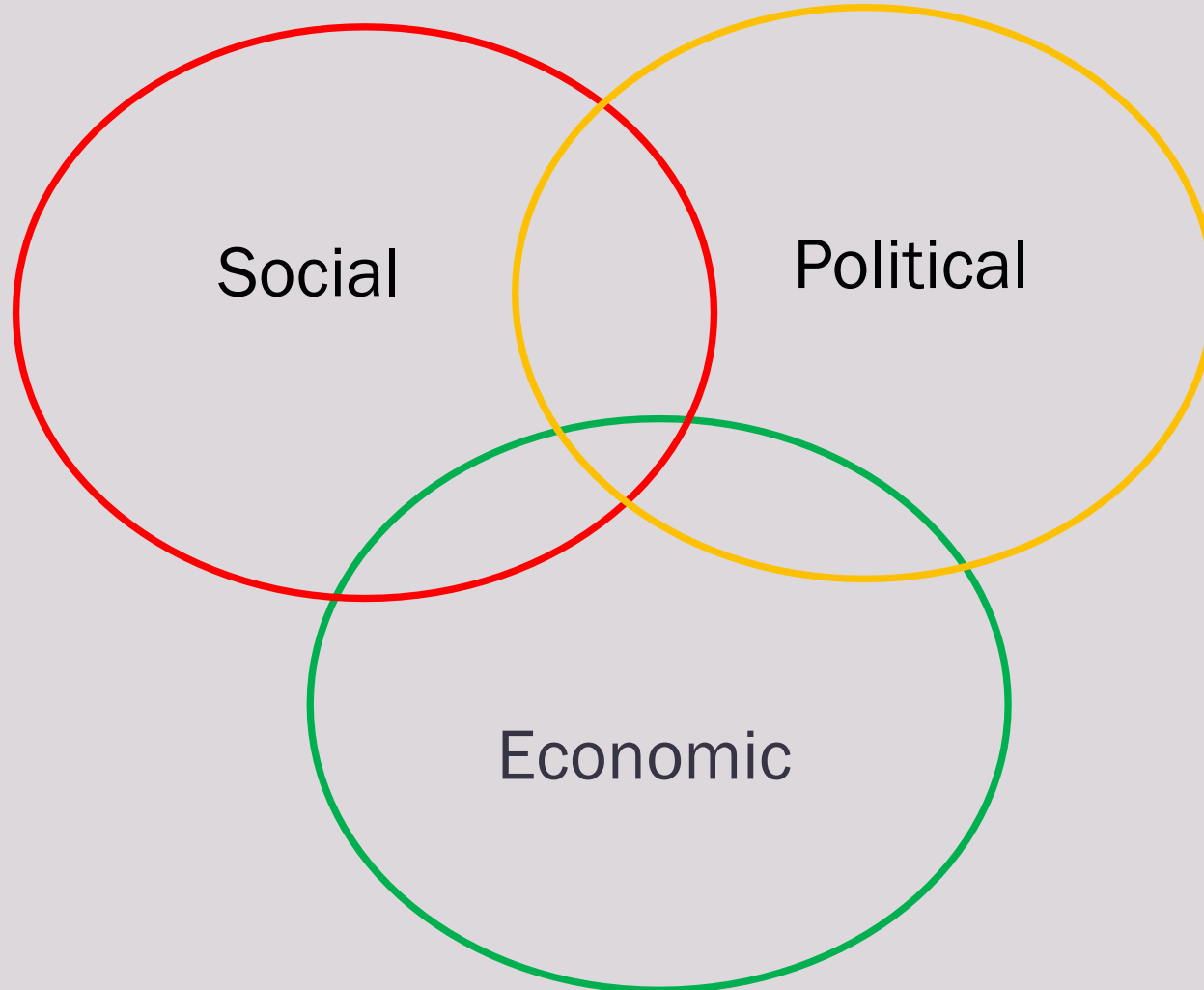
Moves to San Francisco

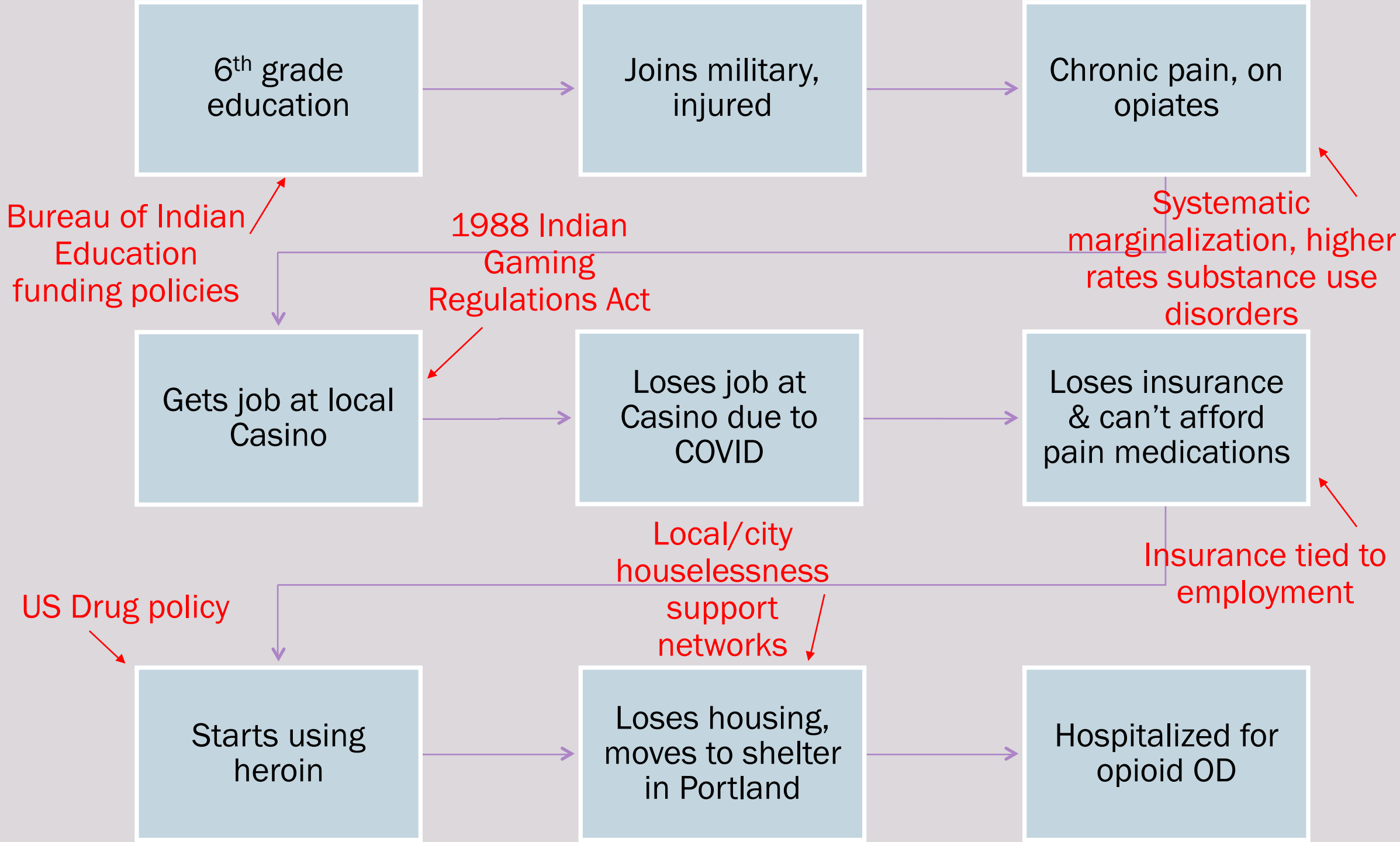
Influx of Cheap US Corn; Can't Make a Living ←

4th Generation Corn Farmer in Oaxaca

Brainstorming the macrosystems...

Structural Determinants of Health





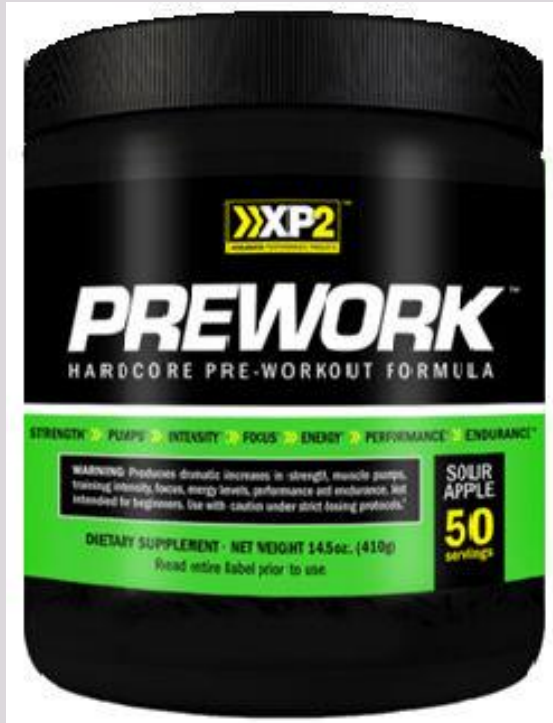




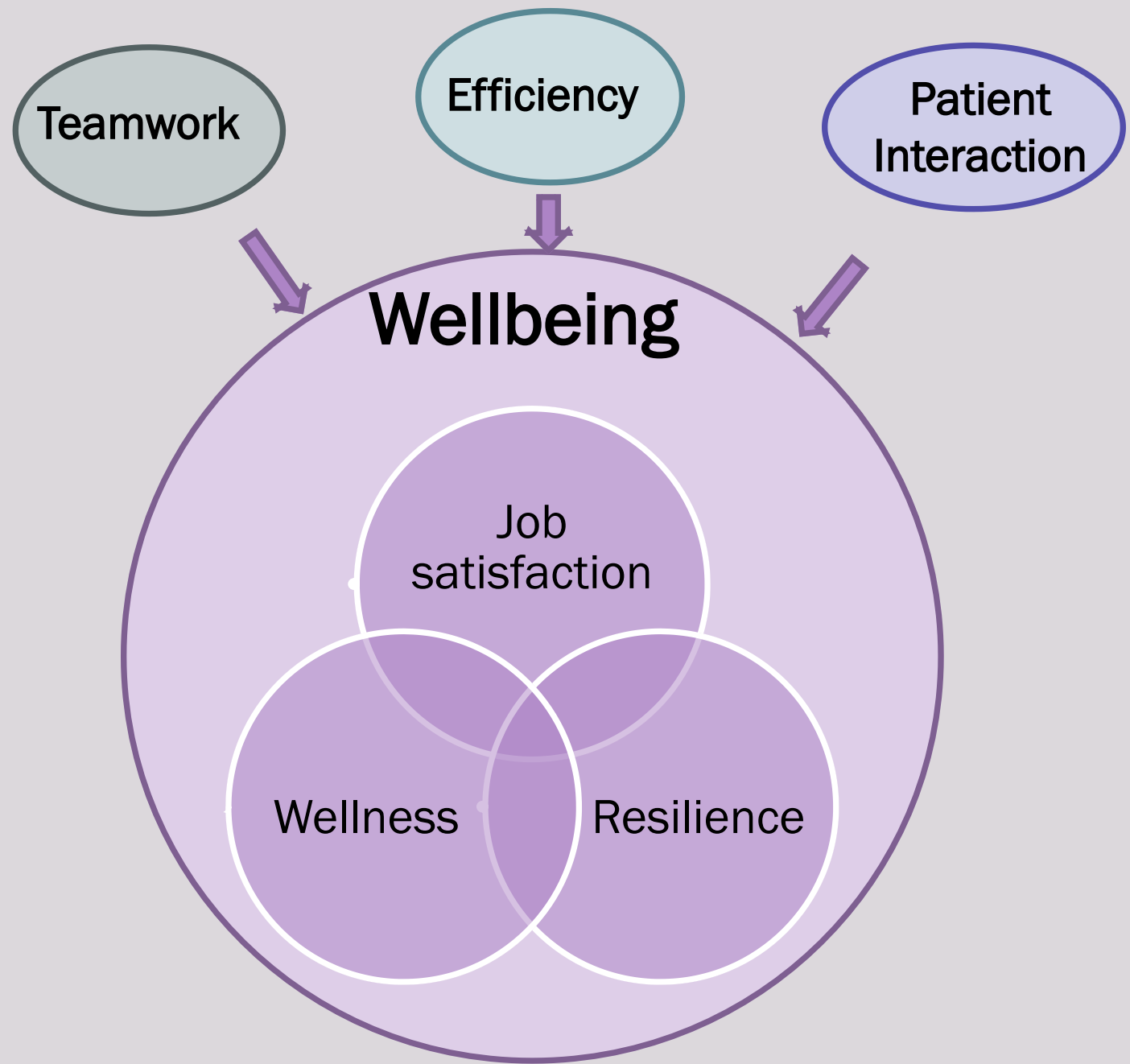
Today's Agenda

- Recap Week 2
- Macrosystems
- Structural Competency
- **Levels of Intervention**
- Making Change Happen
- Debrief of Systems

Pre-work:



- Assignment:
 - Please complete the Structural Vulnerability Worksheet for a patient you have cared for during intern year.
 - This should be someone you know well from either outpatient or inpatient.
 - It is okay if you are unable to answer some questions.
- **Share:**
 - Who was your patient and what did you learn about them?
 - What structures or systems were most often implicated in affecting your patient or their care?
 - What *assets* did you notice?
 - Did it change your empathy for them?





Today's Agenda

- Recap Week 2
- Macrosystems
- Structural Competency
- **Levels of Intervention**
- Making Change Happen
- Debrief of Systems

Intervention

- You have power.
- You can direct your power.

Levels of Intervention

- Intrapersonal
 - *Implicit bias, self-education/understanding*
- Interpersonal
 - *Language barrier*
- Clinic/Hospital
 - *Access*
- Community
 - *Affordable housing*
- Research
 - *Pt demographics don't meet study populations for treatment*
- Policy
 - *Health insurance*

The Power of the White Coat



Responding to structures in the clinic/hospital



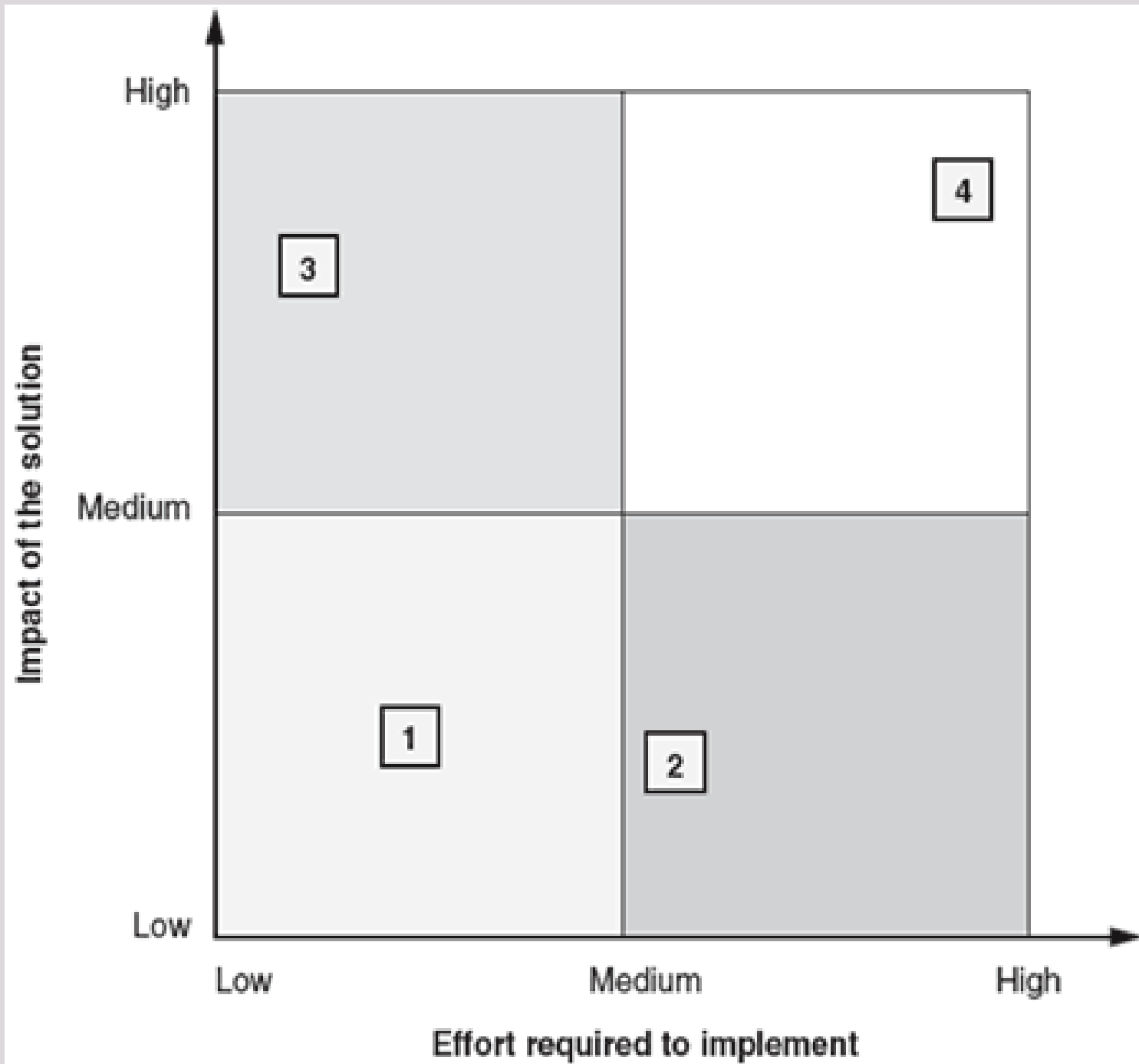


- Intrapersonal
- Interpersonal
- Clinic/Hospital
- Community
- Research
- Policy

CASE EXAMPLE CONTINUED...

-Using the structural challenges your group identified earlier, and brainstorm interventions at various levels.

- Pick 2 interventions per group & place them on the effort impact grid.





Today's Agenda

- Recap Week 2
- Macrosystems
- Structural Competency
- Levels of Intervention
- **Making Change Happen**
- Debrief of Systems

Interventions... Now what?

- Intrapersonal
- Interpersonal
- Clinic/Hospital
- Community
- Research
- Policy



- Harvard Implicit Bias Test

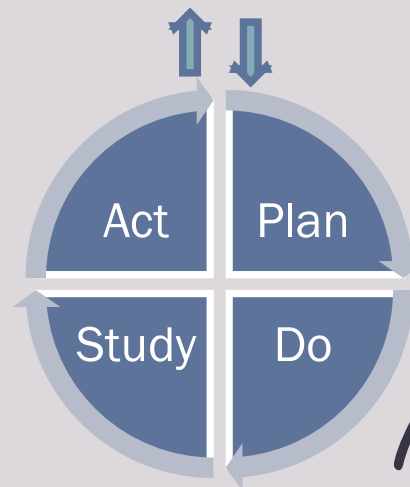
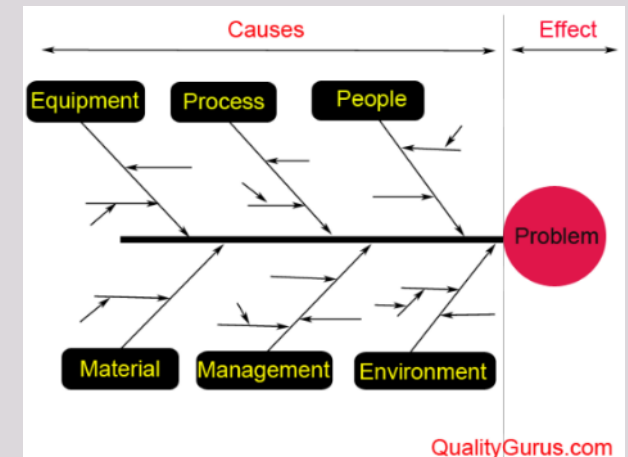
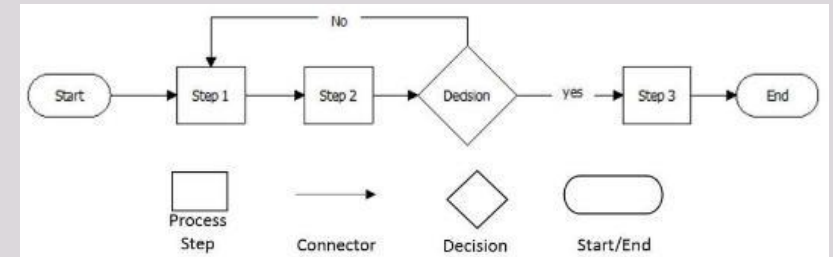
- <https://implicit.harvard.edu/implicit/takeatest.html>

- Structural Competency Curriculum

- [*Structural Competency: Curriculum for Medical Students, Residents, and Interprofessional Teams on the Structural Factors That Produce Health Disparities | MedEdPORTAL*](#)


Interventions... Now what?

- Intrapersonal
- Interpersonal
- Clinic/Hospital
- Community
- Research
- Policy




Improvement Science!

Interventions...now what?

- Intrapersonal
 - Interpersonal
 - Clinic/Hospital
 - Community
 - Research
 - Policy
- 
- OHSU Advocacy Curriculum
 - Ways to advocate
 - Talking to policy makers
 - Social media

Interventions...now what?

- Intrapersonal
- Interpersonal
- Clinic/Hospital
- Community
- Research
- Policy



**For all of these interventions you are asking
others to change.**

Setting the Stage for Change

- Change is **HARD** because:
 - *We are creatures of habit*
 - *We are skeptical by nature*
 - *Change takes effort & commitment*

So how can we lead change?

Leading Change



Some examples from OHSU...

 **Representative Lisa Reynolds**  @RepLisaReynolds · Jun 2 (15/15) Thank you, Emma (pictured), for your advocacy, and for bringing this issue to my attention!

And thank you Oregon Medical Board for putting in the work, and taking this important step in the right direction!

#orleg #orpol



1 4 29

← **Talia Kahn, MD**
11 Tweets



Talia Kahn, MD
@TaliaRKahn
Portland, OR Joined November 2014
28 Following 34 Followers
Not followed by anyone you're following

Following

Suggested

-  **Maria Wamsley**
@MariaWamsley Follow
-  **Manuel J Diaz**
@manny_diaz82 Follow
-  **Elaine Khoong**
@elainekhoong Follow

Tweets Tweets & replies Media Likes

Talia Kahn, MD Retweeted

 **FDA Drug Information**  @FDA_Drug_Info · Nov 30, 2017
#FDAApproves new medication-assisted treatment option for opioid use disorder: go.usa.gov/xn99F.

A Piece of My Mind

December 5, 2017

Moral Choices for Today's Physician

Donald M. Berwick, MD, MPP¹



- The work of a physician as healer cannot stop at the door of an office, the threshold of an operating room, or the front gate of a hospital... Professional silence in the face of social injustice is wrong.
- It is chilling to...assume that the seat of bystander is available. That seat is gone. To try to avoid the political fray through silence is impossible, because silence is now political. Either engage, or assist the harm. There is no third choice.



Today's Agenda

- Recap Week 2
- Macrosystems
- Structural Competency
- Levels of Intervention
- Making Change Happen
- **Debrief of Systems**

Individual

Macrosystem

Increased well-being,
job satisfaction,
resiliency

More engaged,
effective
workforce

VIRTUOUS
CYCLE!

Happier
Physicians



WISC Wrap-Up





PSI Reporting

Reminder: The firm with the most PSI reports by November 1st will win a prize!

FEEDBACK



bit.ly/Wk3Feedback

****Case Sensitive****

