2022 HQI Annual Conference



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The Impact of Explicit and Implicit Bias on Patient Safety

Michelle van Ryn, PhD, MPH



1

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#### Conflict of Interest Disclosure

Michelle van Ryn, PhD, MPH, reported no relevant financial relationships or relationships she has with ineligible companies of any amount during the past 24 months.



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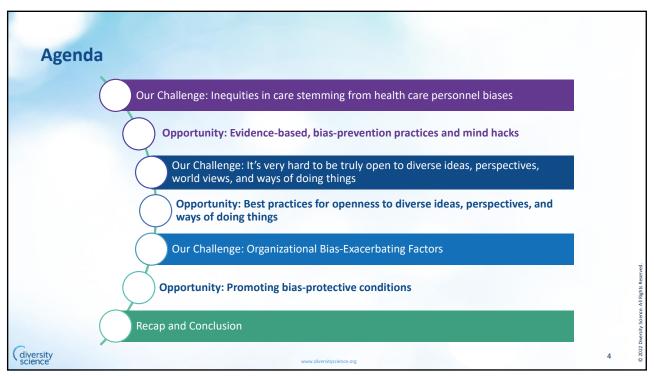
#### Presenter

## Michelle van Ryn, PhD, MPH Distinguished Scientist and CEO Institute for Equity & Inclusion Sciences

Dr. Michelle van Ryn is Founder, CEO, and Distinguished Scientist of Diversity Science, a public benefit corporation whose mission is to translate the best current evidence into practical and effective approaches for achieving true equity, and deep diversity and full inclusion. Her work has improved the national awareness of how providers contribute to disparities in patient care and has led to greater understanding of how improved health care encounters positively impact patient outcomes.



3



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## Focus on the Core Personal Values that Brought You Here Today

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5

#### **Opportunity**

#### Core values are a source of personal integrity, identity, and self-worth

Focus on core values (affirmation) can increase openness to difficult topics and equity, inclusion, and diversity concepts

Studies show that focusing on core values:

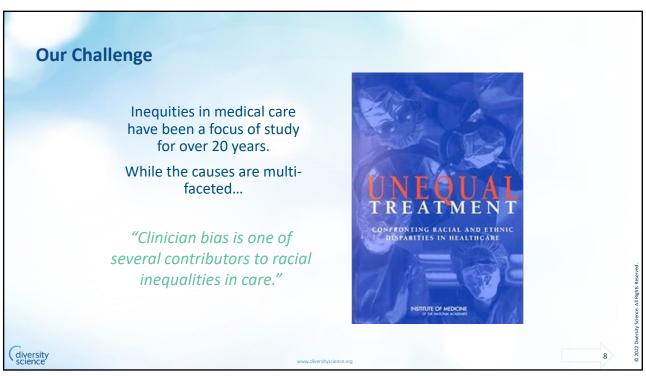
- Improves resilience and ability to cope with stressful or psychologically threatening situations
- Shields against stereotype threat
- Helps us be open to new ideas
- Encourages a growth mindset

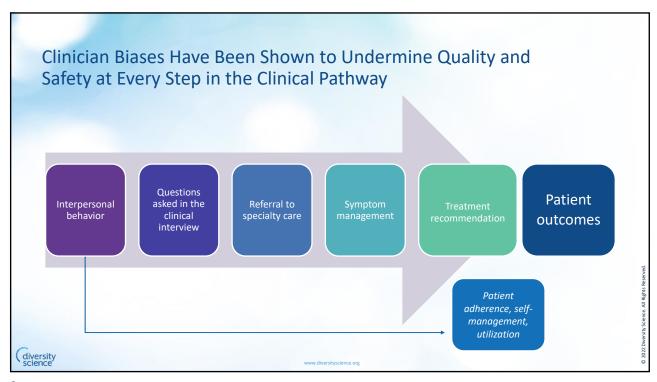


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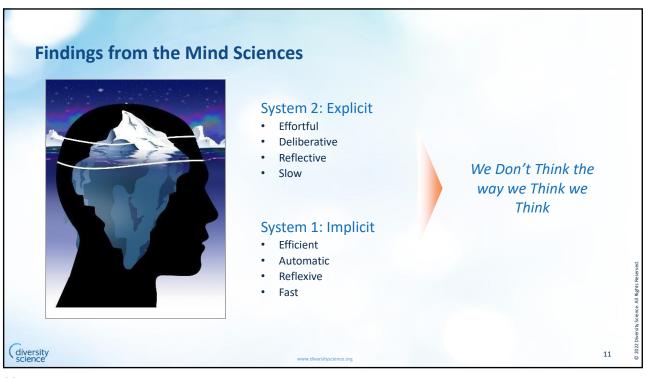
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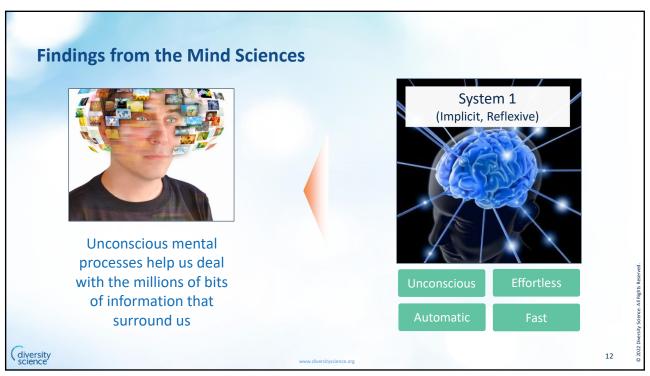


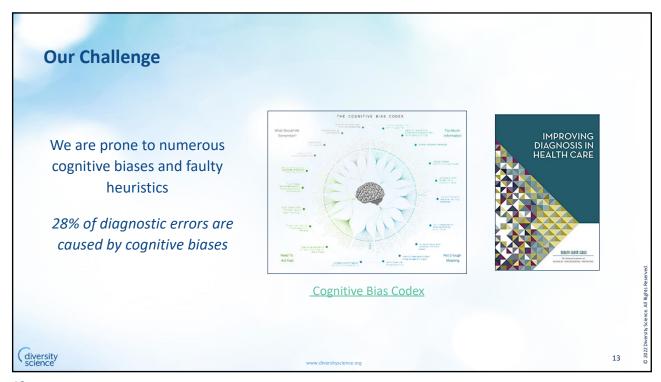




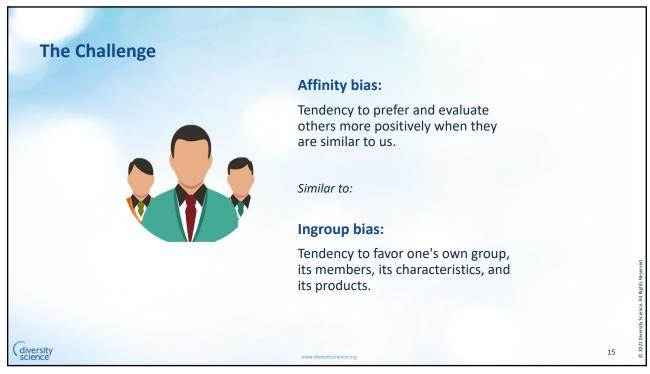


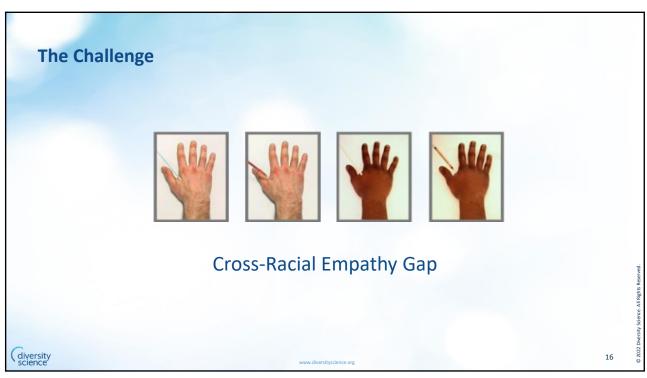


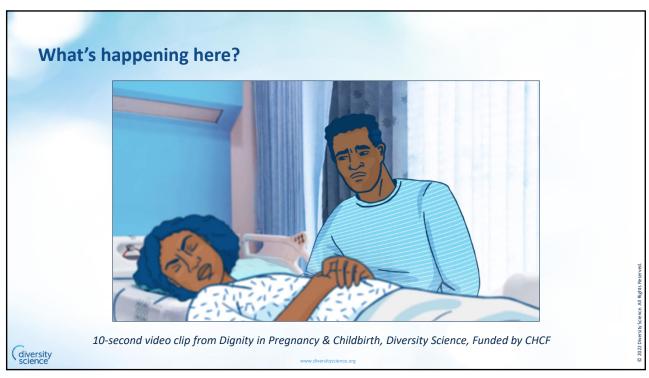


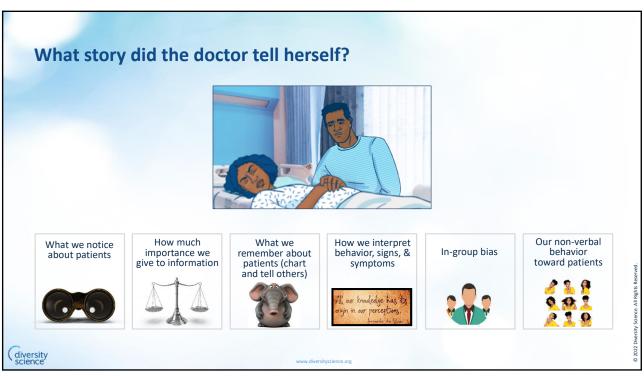




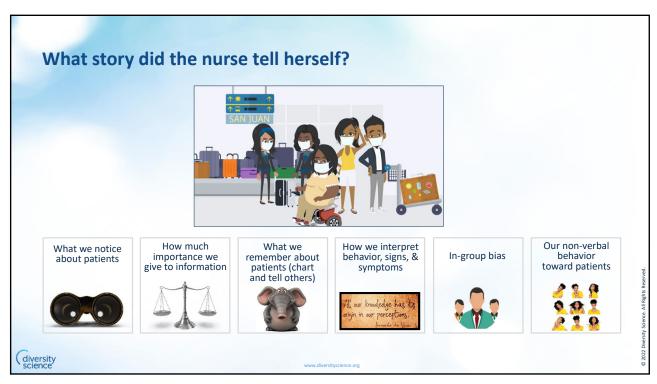












## Opportunity: Evidence-based bias-prevention practices and mind hacks

Inclusive Leader Tip: Adopt, Role-Model, & Encourage Evidence-Based, Bias-Preventive Mind Hack Practices



### Best Practice for Inclusive Leadership: Adopt Pole Model & Engage Evidence Resed Rise

Adopt, Role-Model, & Encourage Evidence-Based, Bias-Preventive Practices



LEADER TIP: CREATE FUN

#### **Positive Emotions**

- Inhibit the activation of unconscious stereotypes and prejudices
- Lead to the use of more inclusive social categories
- Make people see themselves as being part of a larger group
- Increase the capacity to see others as members of a common "ingroup"

23

23

Best Practice for Inclusive Leadership: Use Bias-Prevention "Mind Hacks" Adopt, Role-Model, & Encourage Evidence-Based, Bias-Preventive Practices



Perspective-taking is a skill that can be learned. Practice, practice!

#### **Practice Perspective-Taking**

- Shown to reduce bias toward a range of stigmatized groups including Black people
- Inhibits the activation of unconscious stereotypes and prejudices

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24

## Best Practice for Inclusive Leadership: Use Bias-Prevention "Mind Hacks" Adopt, Role-Model, & Encourage Evidence-Based, Bias-Preventive Practices



### Increase Sense of Partnership "On the Same Team"

- The sense of working together towards a common goal has been shown to reduce bias. Focus on common goal.
- Discover what you have in common. Notice that as humans, we have many more commonalities than differences.
- Mind Hack: Use words like we, us, and our, instead of I, you, or them.

25

25

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#### Best Practice for Inclusive Leadership:

Adopt, Role-Model, & Encourage Evidence-Based, Bias-Preventive Practices

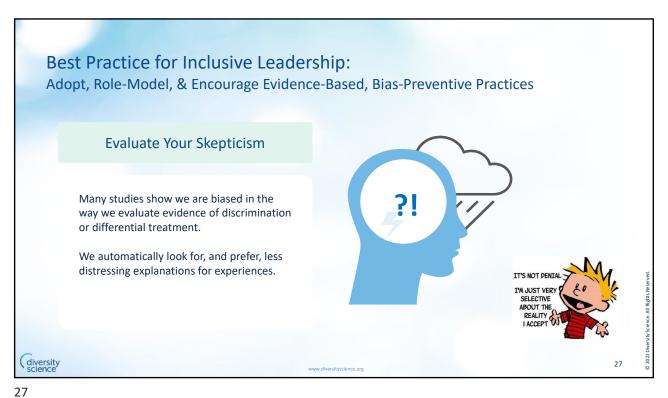


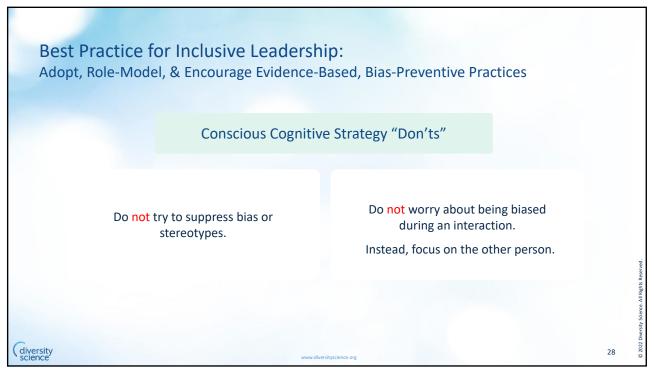
#### **Check for Double Standards**

- Take a moment and imagine how you would react, feel, decide, behave if someone different acted in the same way.
- Would you feel the same way? Interpret their intentions and motives the same way?

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26





#### **Our Challenge**

Our Challenge: It's very hard to be truly open to diverse ideas, perspectives, world views, and ways of doing things.

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29

29

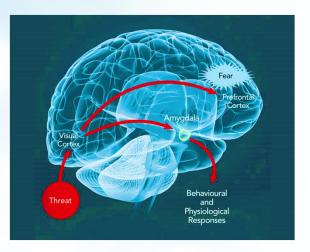
# Our Challenge Increasing safety and quality for diverse patients requires openness to diverse perspectives, ideas, and ways of doing things Easier said than done We have cognitive wiring that gets in the way

30

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## Automatic Threat Response

- Our brain responds much the way it does to physical threats.
- Efficient, but prehistoric, set of physiological responses designed to move us to action.
- Amygdala triggers a cascade of chemicals (stress hormones) in the body.



"Danger! React, Protect, Attack."

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31

31



#### **Opportunity**

Our Challenge: Best practices for openness to diverse ideas, perspectives and ways of doing things

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33

33

## Opportunity: Evidence-Based Practice to Create the Best Chance of a Positive Impact or Outcome: THE ADD + ACT APPROACH

#### STEP 1: ADD (Assess, Defuse, Decide)

- ✓ [A] Assess: Are you, or anyone you are speaking with, having an automatic threat response?
- [D] Defuse and soothe: Pause, at a minimum. Consider other rapid emotion-shifting strategies.
- [D] Decide on your goal: What considerations will help you decide on the best outcome you can hope for in the situation?

#### STEP 2: ACT (Ask, Connect, Talk)

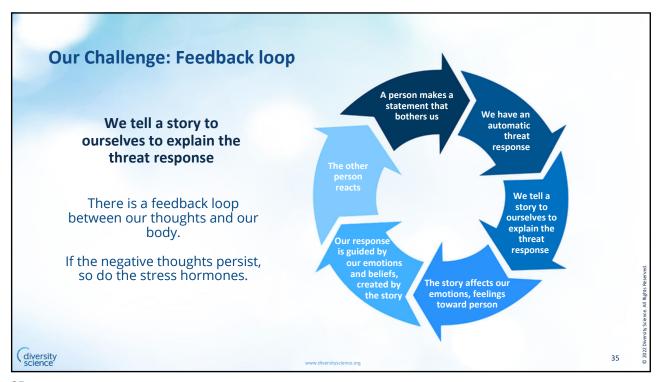
- $\checkmark$  [A] Ask open-ended questions: First, seek understanding of their POV, goals, and needs.
- [C] Connect with those around you: Find the understandable part. Validate motives or goals.
   Reflect on what you have in common.
- ✓ [T] Talk: State your view or make your points with humility and respect.
  - Ground everything in values and ideally, lead with values.
  - Make a statement that reflects awareness and understanding of systemic inequities. In many cases, also acknowledge the realities of partners/employees from marginalized groups and affirm your commitment to being part of the solution.
  - State a few key points simply with authenticity, humility and respect.
  - Stay on-topic (on message).

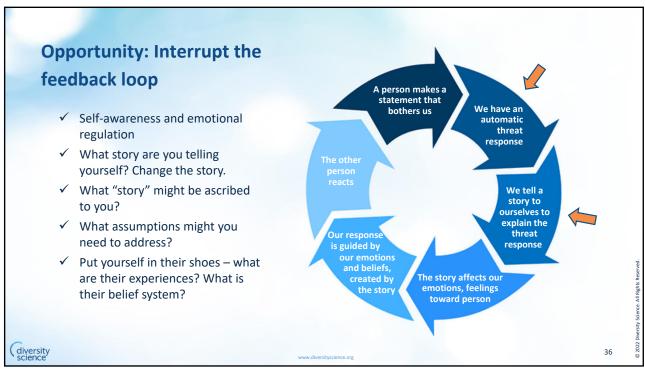
Not enough time to go through the whole process but will get you started on overcoming the main challenge.

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34



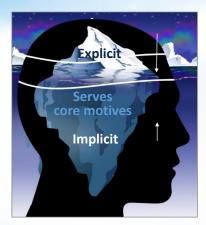


#### **Our Challenge: Organizational Bias-Exacerbating Factors**

Conditions that Put You and Your Team at Risk of Being Influenced by **Unintended Biases** 

37

#### System 1 guides us based on powerful, automatic, and often under-theradar motives



#### **Bias-Exacerbating Factors**

- ➤ Cognitive overload, fatigue, stress
- > Exclusion
- > Threat to self-concept, self-esteem
- > Psychological or physical threat of any kind
- Negative emotions

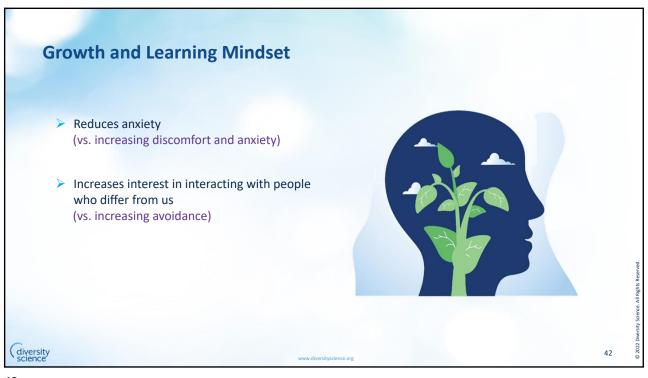
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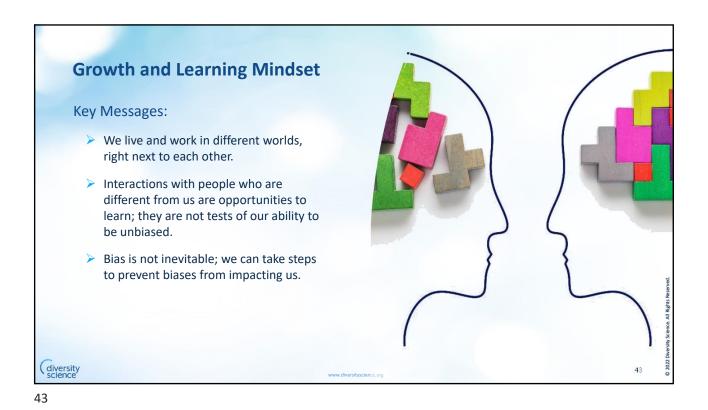


Organizational culture *is* always changing.

We can take action to change it intentionally.







Psychological safety reduces team bias.
It lowers threat and increases positive emotions, trust, and sense of belonging – all of which are bias-protective

factors.



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# Psychological Safety "When people have psychological safety at work: They feel comfortable sharing concerns and mistakes without fear of embarrassment or retribution. They are confident that they can speak up and won't be humiliated, ignored, or blamed. They know they can ask questions when they are unsure about something." - Amy Edmundson, Harvard Business School, "The Fearless Leader"

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