

The Riddle (2014) https://www.youtube.com/watch?v=QbK4Ge8zgF8

## Understanding Bias: A Necessary Component for Building Equity and Inclusion Infrastructure

The Michigan Audiology Coalition

#### MAC Conference

East Lansing Marriott at University Place, Lansing MI

October 13, 2022

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Developmental Medicine Pediatric Psychology

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### "This work was developed on the unceded, ancestral traditional Lands of the Peoria, Anishinabewaki, Odawa, and Mississauga peoples.

To learn more about the land you love and work on, https://native-land.ca/territory-acknowledgement/



### We see the world as we are, rather than the way that it is.





If you're human, you're biased.



#### Raising Awareness = Reducing Bias

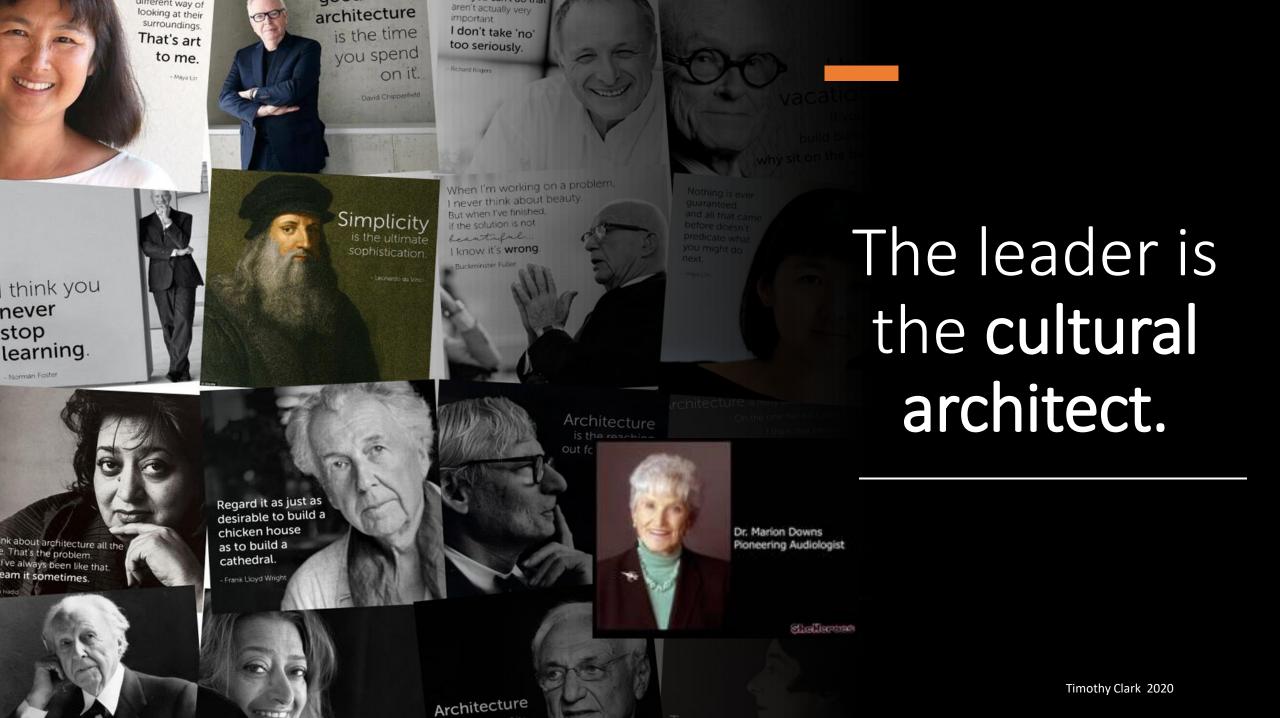
Focus on the science and research of bias can reduce its impact.



"Awareness is the greatest agent for change."

- Eckhart Tolle





As leaders for equity, we must examine, unpack and mitigate our own biases and dismantle the policies and structures that hold inequity in place.

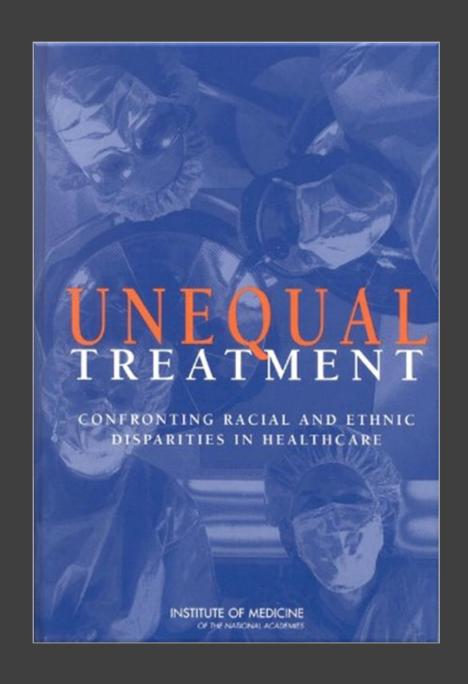


The U.S. public health system has been challenged in constructive ways over the past 2 years, from fighting a novel virus to managing the resulting pandemic, and surmounting pressure from the general public to reconcile past and present trauma fueled by health and racial inequities that claim lives and perpetuate physical, mental, and emotional harm in predominantly Black, Indigenous, and other non-white communities.

...Unconscious bias saturates health care and the governing public health systems in the United States and presents a call to action for professionals in the public health field to keep racial and health equity at the forefront of solutions to the "wicked problems" faced in this field.

### Shaping the Future for Health 2001

How can disparities exist when health care professionals dedicate themselves and work hard to provide the highest possible quality of care?



#### **Learner Outcomes**

1

Identify how the processes of the unconscious mind, supported by brain research, impact critical decisions, making interpretations, and everyday functioning.

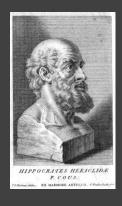
2

Identify how one's own background can largely inform how one views the world.

3

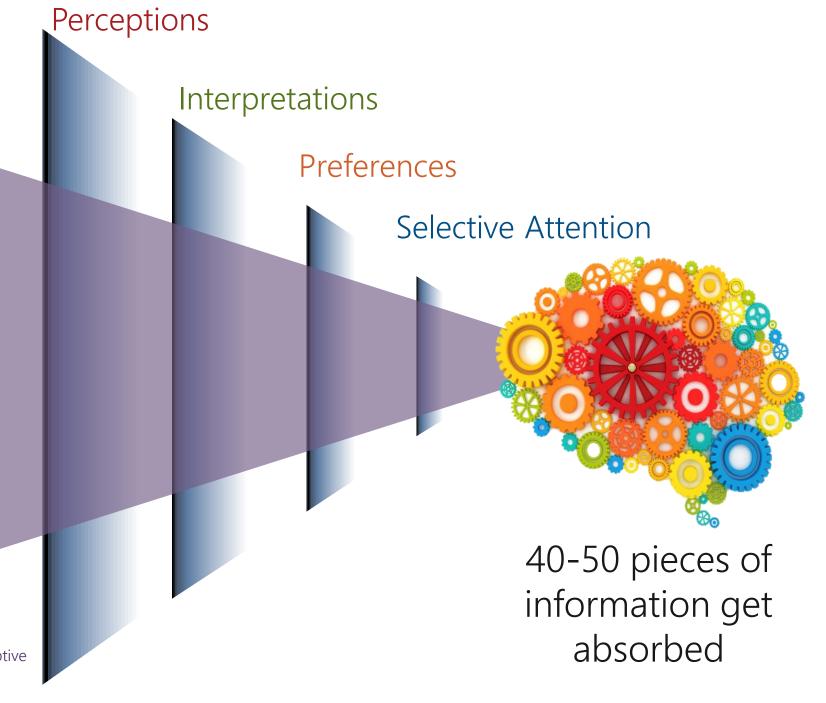
Plan actionable steps to mitigate bias and build the infrastructure for equity and inclusion individually and organizationally.

#### Hippocrates |



Quote over 2500 years old. Adapted from Kandel & Schwartz 1985

"Men ought to know that from the brain, and from the brain only, arise our pleasures, joys, laughter, and jests, as well as our sorrows, pain, griefs, and tears. Through it, in particular, we think, see, hear, and distinguish the ugly from the beautiful, the bad from the good, the pleasant from the unpleasant....It is the same thing that makes us mad or delirious, inspires us with dread and fear, whether by night or by day, brings sleepiness, inopportune mistakes, aimless anxieties, absentminded, and acts that are contrary to habit."

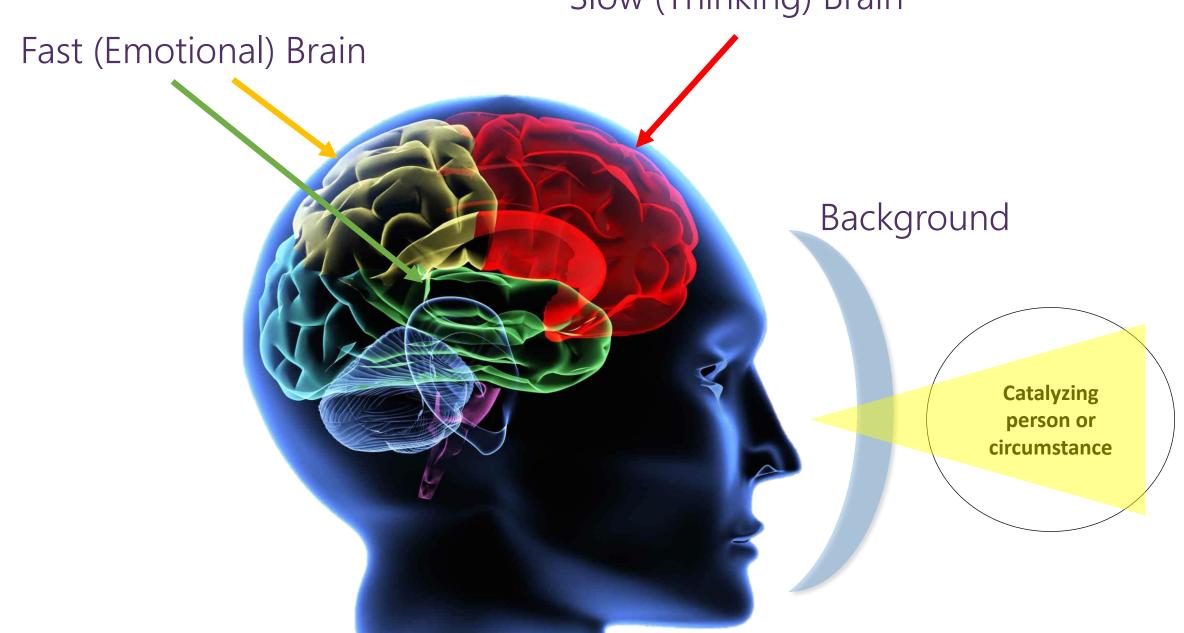


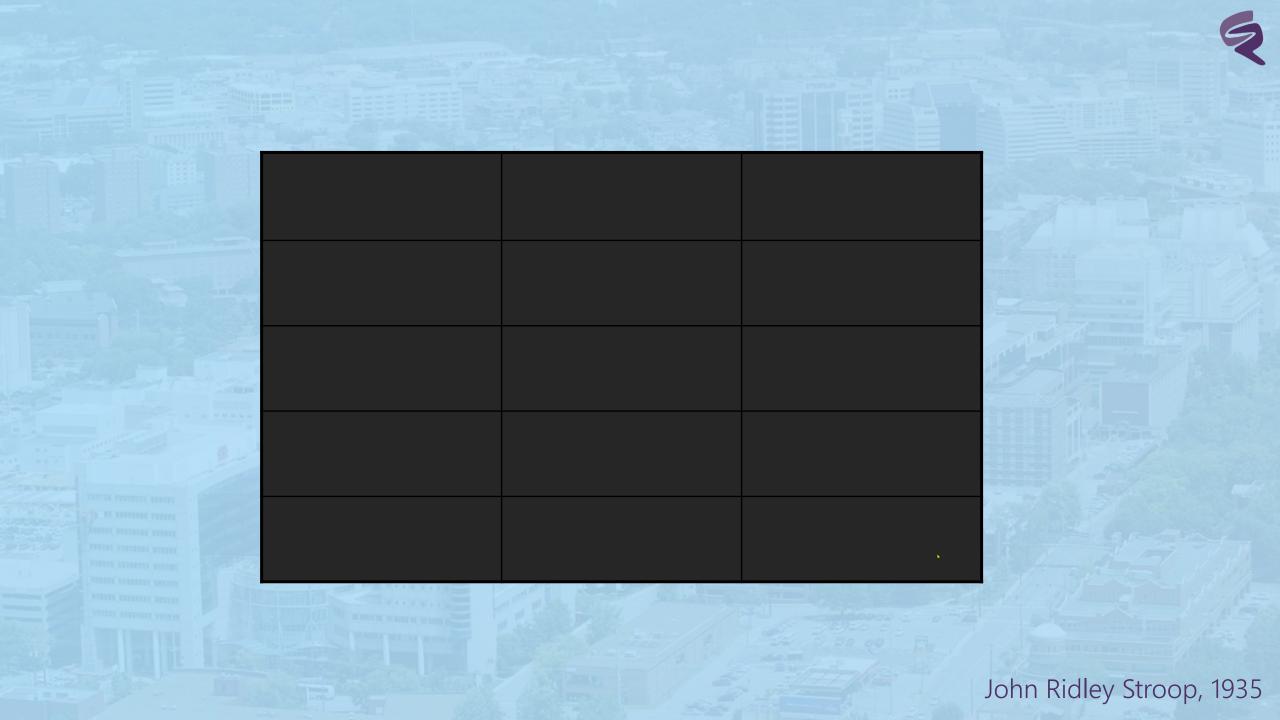
11 million pieces of information at any one time

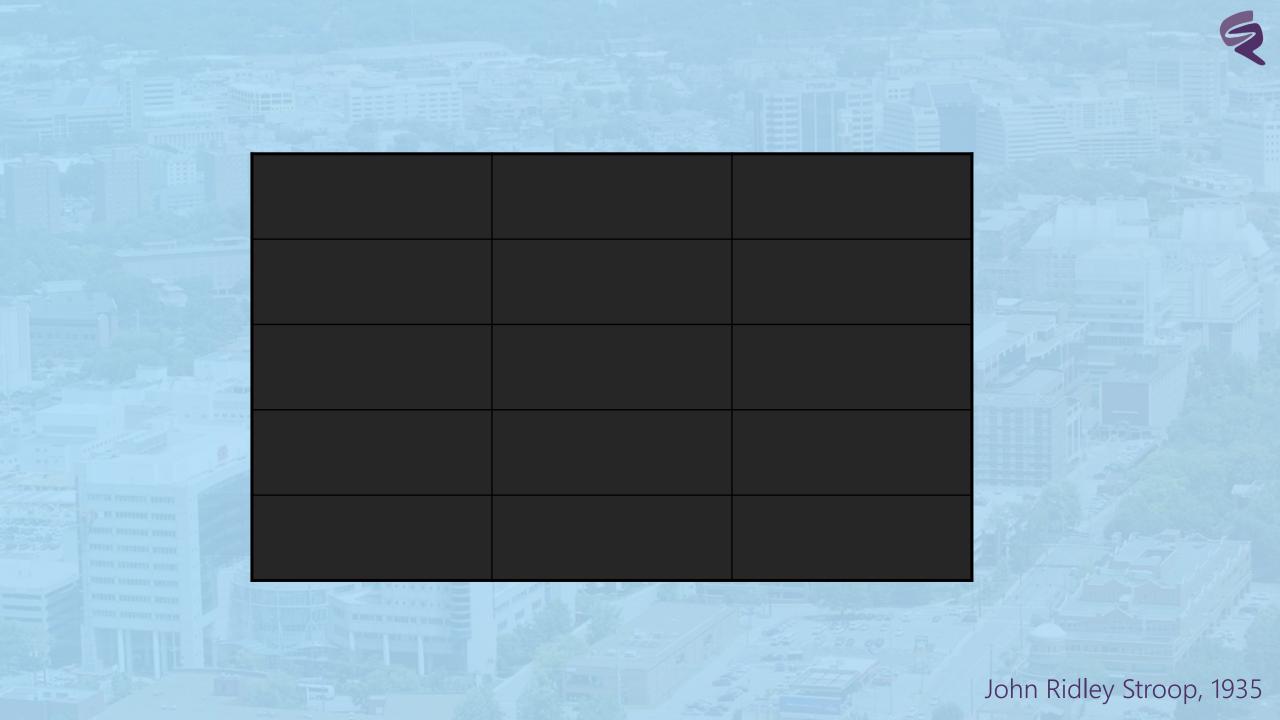
Source: T. Norretranders, The User Illusion. Trans. J. Sydenham (New York: Viking, 1998), cited in Timothy Wilson, Strangers to Ourselves: Discovering the Adaptive Unconscious (Cambridge, Mass.: Belknap Press of Harvard University Press, 2002), 24.



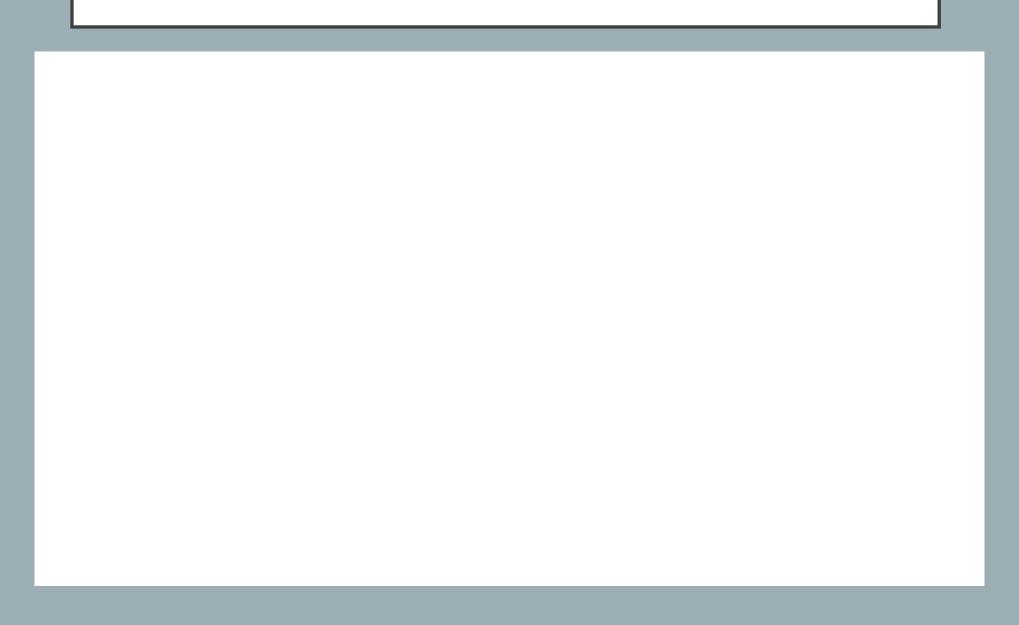
#### Slow (Thinking) Brain







#### **SCHEMA:** A MENTAL FILING CABINET



#### My Story





- Everyone has a culture
- Learned at a young age
- Our cultural values and norms are so much a part of us that we often fail to distinguish them from "who we are."
- Defines the "right way to behave" based on culture most familiar.

#### **CULTURE:** Key Concepts

**Cultural Knowledge:** Familiarization with selected cultural characteristics, history, values, belief systems, and behaviors of the members of another ethnic group (Adams, 1995).

Cultural Awareness: Developing sensitivity and understanding of another ethnic group. This usually involves internal changes in terms of attitudes and values. Awareness and sensitivity also refer to the qualities of openness and flexibility that people develop in relation to others. Cultural awareness must be supplemented with cultural knowledge (Adams, 1995).



MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH, ALL RIGHTS RESERVED.

#### CULTURE: Key Concepts

Cultural Sensitivity: Knowing that cultural differences as well as similarities exist, without assigning values, i.e., better or worse, right or wrong, to those cultural differences (National Maternal and Child Health Center on Cultural Competency, 1997).

Cultural Competence: A set of congruent behaviors, attitudes, and policies that come together in a system, agency, or among professionals and enables that system, agency, or those professionals to work effectively in cross-cultural situations (Cross, Bazron, Dennis, & Isaacs, 1989)



#### What is bias?



A tendency or inclination that results in judgment without question.



A shortcut to interact with our world







Mental associations without:

- Awareness
- Intention
- Control

These often conflict with our conscious attitudes, behaviors, and intentions.

#### **MICROAGGRESSIONS**

"SUBTLE ACTS OF EXCLUSION"
(HBR 2022)

Brief and commonplace daily verbal, behavioral, or environmental indignities, whether intentional or unintentional, that communicate hostile, derogatory, or negative prejudicial slights and insults toward any marginalized group.

Not pronouncing or spelling an individual's name correctly

Interrupting

an individual

when they are

speaking

Continually

arranging team

social events based

around alcohol.

thereby making

an individual feel

unwelcome

Making assumptions about skills/abilities/ temperament of the individual based on stereotypes

Subjecting an individual to more criticism and harder judgement compared to their white counterparts

What does a microaggression look like?

People moving away from you or holding their breath when around you

Not giving eye contact when the individual is speaking

Ignoring what you have said/instructed and asking other people for clarity or confirmation

Ignoring individuals in meetings and in the workplace

Dismissing an individual's opinion or perspective

A lack of awareness of personal space and personal boundaries which can lead to uncomfortableness

Making assumptions about seniority.
The micro-aggressive assumption
being that the most senior person in
the room is white



Evans. The Hearing Journal, October 2021

#### Implicit/ Unconscious Bias in Audiology:

How Does it Affect Families of Deaf Children

## Support for building awareness, reducing bias in Audiology

Serving Culturally and Linguistically Diverse Patients in Audiology:

Part 1: Avoiding Microaggressions

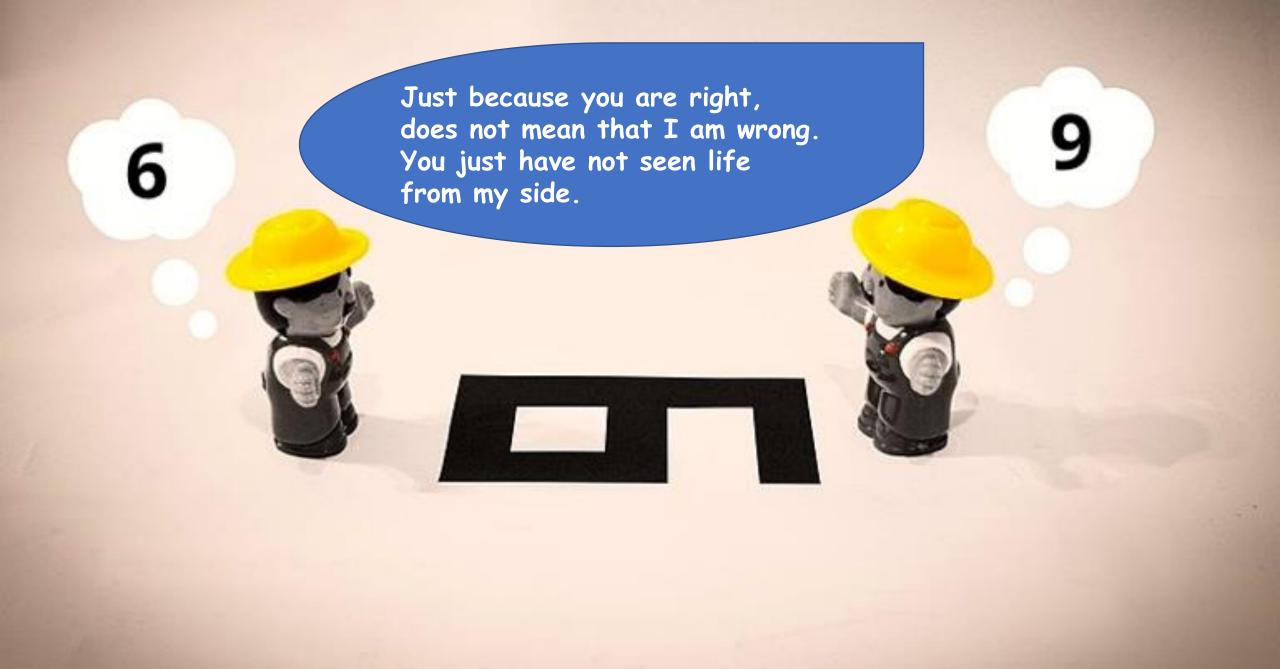


Group

Individual

Institutional





## Clinical decision-making



# ... can be as much of a function of who the patient is as much of what the patient has.

McKinley, E.D., Garrett, J.M., Evans, A.T. et al. Differences in end-of-life decision making among black and white ambulatory cancer patients. J Gen Intern Med 11, 651-656 (1996)

#### Impact of Perception?

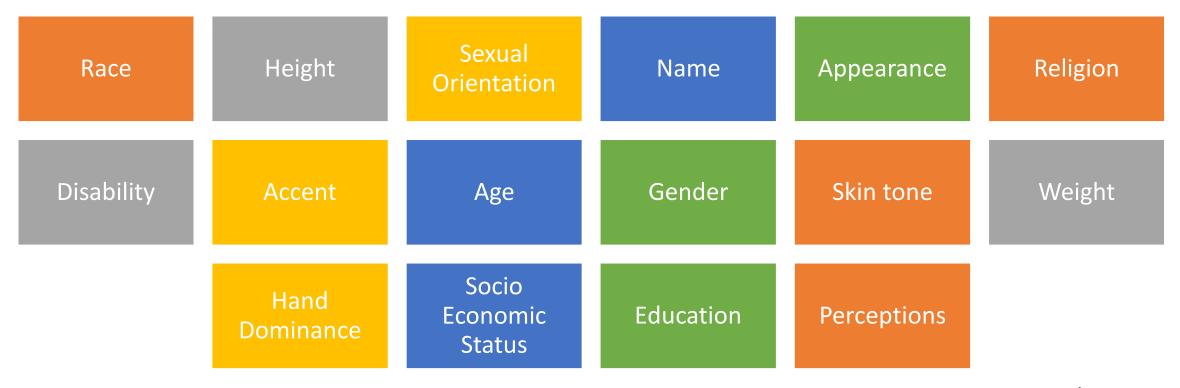
According to Dr. Christine Yoshinaga-Itano, Audiologist and Research Professor, Institute of Cognitive Science, University of Colorado Boulder

"Babies with hearing loss need early intervention, but only half get it."

"We showed that failure to diagnose hearing loss early can create an environmentally induced and preventable secondary disability, making children function much like children with cognitive delay." (2017)

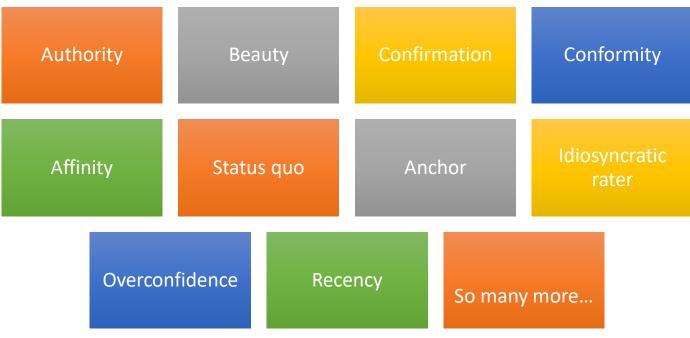


#### Which biases do you recognize as your own?





#### Other bias examples







### Respect Others and Yourself

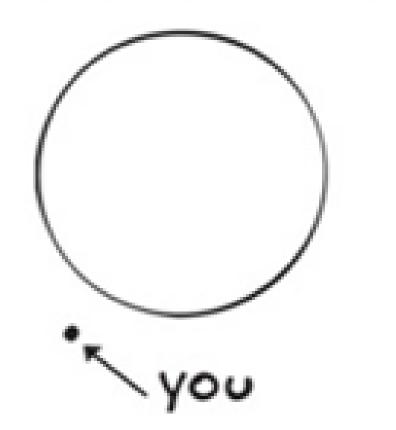
You don't really notice it until it's not there- and then it's all you notice!



Activity:

Who is in your circle?

### circle of trust





### Maslow's Hierarchy

### **Self-actualization**

desire to become the most that one can be

### **Esteem**

respect, self-esteem, status, recognition, strength, freedom

### Love and belonging

friendship, intimacy, family, sense of connection

### Safety needs

personal security, employment, resources, health, property

### Physiological needs

air, water, food, shelter, sleep, clothing, reproduction

"...being excluded from a group triggers activity in the same regions of the brain associated with physical pain." Lockdown & impact on deaf children. The Guardian Kipling D. Williams, Purdue University



## Countering Unconscious Bias

# Engage in Perspective Taking

Three types of Perspective Taking:

**Self / Other/ Third Party** 

Perspective of the self: This is how the situation is interpreted from your own experience, based on your own thoughts and feelings in that situation.

Perspective of **other**: This is how the situation is interpreted from the experience of the other person involved in the situation, based on their thoughts and feelings.

Perspective of **third party**: This is how the situation is interpreted from someone who isn't involved in the situation, but instead looking from a neutral, outside perspective (the "the fly on a wall" approach).



Hearing Speech Deaf Center

**Actively Engage Families** 

Family engagement is a collaborative and strengths- based process through which early childhood professionals, families, and children build positive and goal-oriented relationships.

### Lack of engagement: Families can feel

Unwelcomed and uncomfortable

Their needs are not being met

Misunderstood

### Lack of engagement: Providers can feel

Families are not committed to their child's hearing wellness

Families do not recognize the provider's hard work

Families "make-up excuses" for not participating



## Three tips to Actively Engage Families

- ☐Start with looking at yourself; and challenge your own assumptions.
- ☐ Acknowledge families as equal partners: Constantly revisit and revise plans based on input from families.
- ☐ Meet parents where they are: The ways families contribute to their child's education may differ.

What data to collect and for what

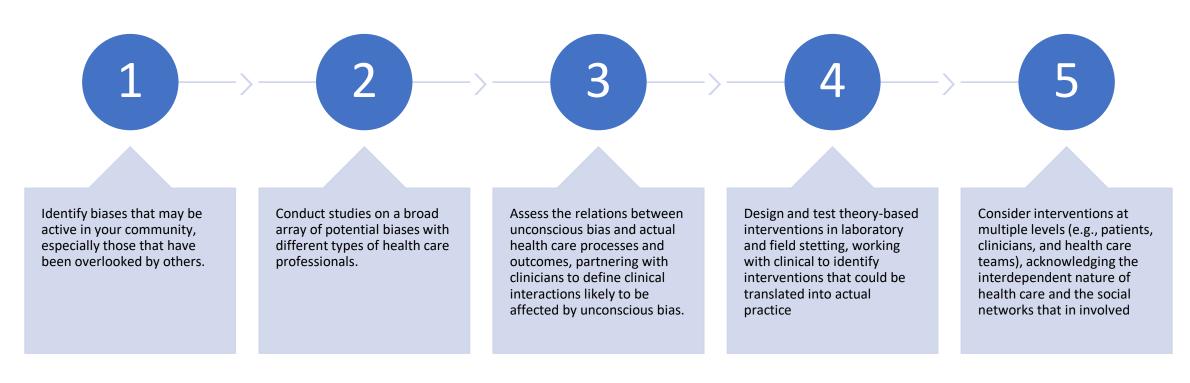
Thoughtful Data Collection Considerations Monitoring Disparities

 Myth: One approach fits all when collecting race, ethnicity, language data and social determinants data

• Tailor data collection based on the population served, financial resources, and capacity of the electronic health record

### Incorporate an identified gap in the field in discussions

A Roadmap for Future Research on [Unconscious] Bias in Health Care





COVID-19 Pandemic Presented Unique Challenges to Children Who are Deaf or Hard of Hearing and Their Families

Under-studied or excluded from studies

https://news.cuanschutz.edu/medicine/covid-19-children-deaf

#### Christina Studts, PhD, (ACCORDS) 2021

"Not just stories of parents who felt like giving up because it was so hard to access services, but also stories of educators who came to people's homes and stood outside the window to interact with the children, and audiologists who met with families, curbside to trouble-shoot problems with devices."

"There are things that individuals did to make sure no children fell through the cracks, and those are the stories we hope to give to policy makers..."

Illegal immigrant	Undocumented immigrant
Noncompliant	Nonadherent
Minority	Historically marginalized
Vulnerable	Made vulnerable or disenfranchised
Social problem	Social injustice

# Use inclusive language

Discuss information in a way that minimizes bias and promotes equity



Living with Hearing Loss and Becoming a Bilingual Audiologist and Mom

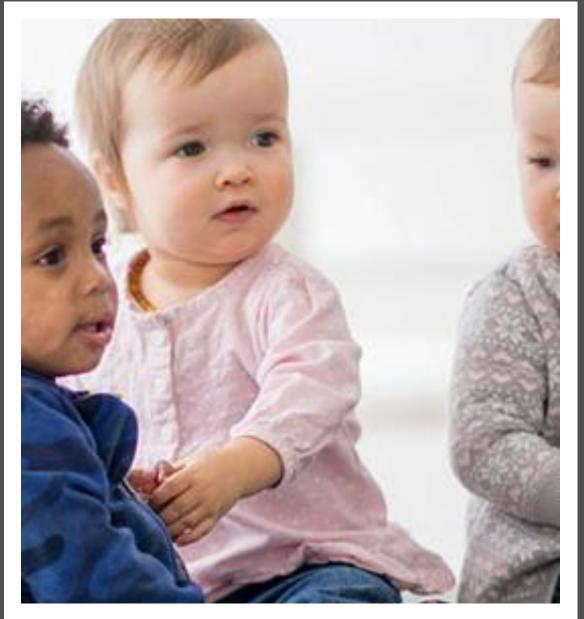


#### **COVID-19 The PANDEMIC**

### VIRTUAL COMMUNICATION

Welcome to the new normal, as abnormal as it is. The collateral industry response COVID-19, given social, physical distancing and working remotely, have forced the shift to a virtual process.





# BEHAVIORS FOR BOLD, INCLUSIVE CONVERSATIONS

Adapted from We Can't Talk
About that at Work: How to Talk
about Race, Religion, Politics,
and Polarizing Topics (The
Winters Group Inc.)

Acknowledging: You don't know everything; there is always something to learn.
<b>Legitimizing</b> : Other perspectives are just as valid as yours and should be listened to for understanding, not necessarily agreement.
<b>Listening</b> : Listen to understand. Listen for your own cultural assumptions, perceptions and expectations.
Reflecting: Spend more time reflecting on your own values and beliefs.
<b>Describing</b> : Learn to describe the behavior before providing you interpretation and expand the number of interpretations you consider.
<b>Contextualizing</b> : Consider the circumstances, conditions and history of the topic for which you are having a bold, inclusive conversation.
<b>Pausing</b> : Take a deep breath. Think about what you are going to say. Pause to more patient as well. Be patient of mistakes.
<b>Accepting</b> : Accepting does not mean agreeing. You are accepting that there are myriad worldviews, and it is important to learn more about them.
Questioning: Be curious, not judgmental about differences.
Respecting: Respect the dignity of every person even when you don't agree with them.
Apologizing: If you say something that offends someone else, genuinely apologize.
<b>Connecting</b> : Making meaningful connections across difference is one sure way of breaking down barriers and enhancing our capacity for empathy and share understanding.
<b>Empathizing</b> : Sympathy leads to patronization and pity. Empathy allows you to see the situation from the perspective of the other person.

Our brains are wired to run from pain; whether our own or someone else's



To see the world as others see it



To be non-judgmental



To understand another's feelings



To communicate the understanding of that individual's feeling

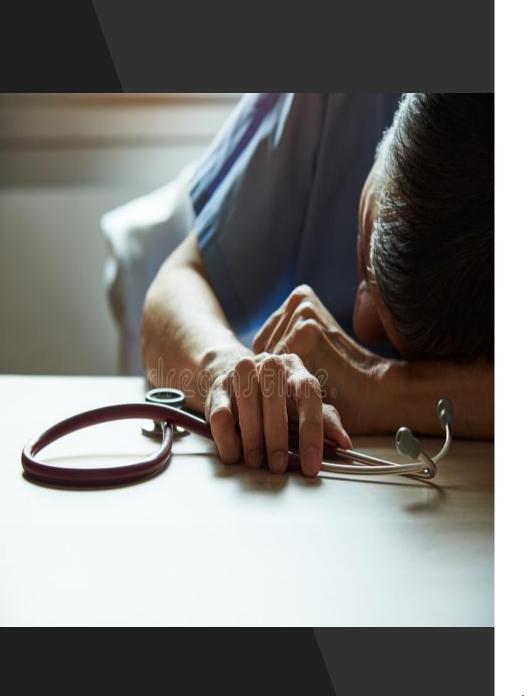
Wiseman. Adv Nurs Sci, 30(3) 2007

## Empathy

Empathy allows you to see the situation from the perspective of the other person.



Brené Brown, *Empathy* 12.10.2013



Biases are most pronounced when one is busy with other tasks, distracted, tired, anxious, and under time pressure.



### REFLECTION

Yes, I'm human! Yes, I have biases!

### RAISE AWARENESS

REDUCE BIAS



#### JENNIFER BROWN

Harnessing the power of diversity and inclusion is essential for the very viability and sustainability of every organization

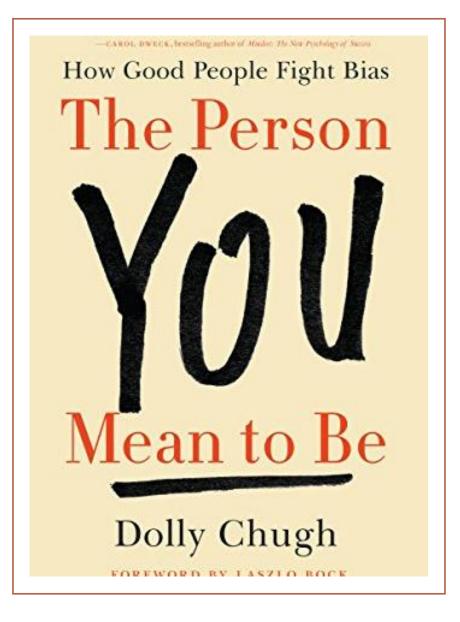




Talent who feel fully welcomed, valued, respected, and heard by their colleagues and their organizations will fuel this growth.

### Being the person, we mean to be starts with a look at ourselves.

- Only way to be on the right side of history is to be a *good-ish* rather than good— person. *Good-ish* people are always growing.
- "Ordinary privilege"—the part of your everyday identity you take for granted, such as race for a white person, sexual orientation for a straight person, gender for a man, or education for a college graduate.





Unconscious
Bias Training
Is More
Important
Than Ever

It is a necessity!
It is a only a
piece of the
puzzle





Unconscious bias training is not just the flavor of the week!

Training makes a difference if the focus is on:

- ☐ Skills for rewriting the scripts
- ☐ Growing new personal and professional competence

### Benefits of tackling unconscious bias



Attracts diverse talent



Leads to fair decision-making



Encourages creativity and innovation



Improves employee engagement



Results in higher levels of productivity



Increases company revenue

https://asana.com/resou rces/unconscious-biasexamples 5.17.2021 Building infrastructure: Unconscious bias training that works

Increasing awareness isn't enough. Teach people to manage their biases, change their behavior, and track their progress.

"Imagine a weight-loss program that told participants to step on the scale and left it at that."

# 5 Steps: Teaching people to manage biases, change behavior, and track progress



Stress that "you hold the power"



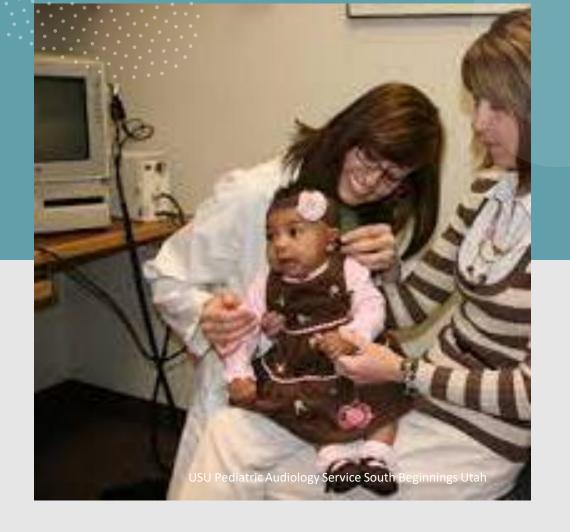
Create empathy



Encourage interactions among people from different groups



Encourage good practices and continued learning





Set a broader strategy for broader impact

Be intentional

Structured, purposeful approach

Don't be afraid

Engage experts

Ask questions



# What do you want your culture to be? May I talk? May we talk? Will I be heard? Will we be heard?



# DON'T UNDERESTIMATE THE POWER OF YOUR WORDS



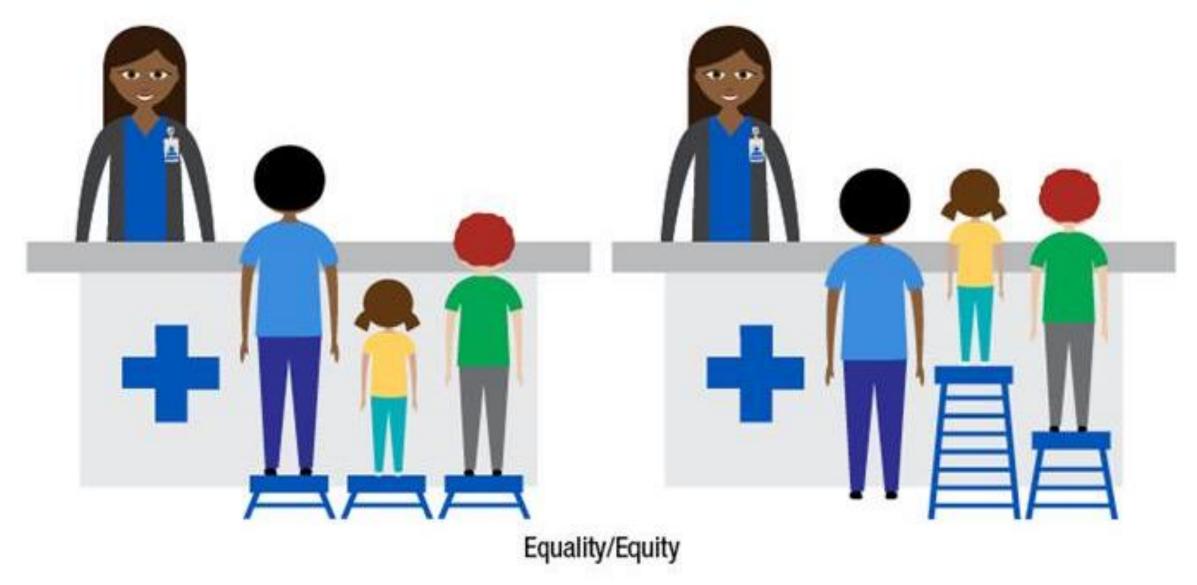
Bias, equity and building infrastructure



The work of embedding equity into every aspect of our roles cannot be accomplished overnight.



### There is tension between equity and efficiency. (Keels & Malley, 2021)

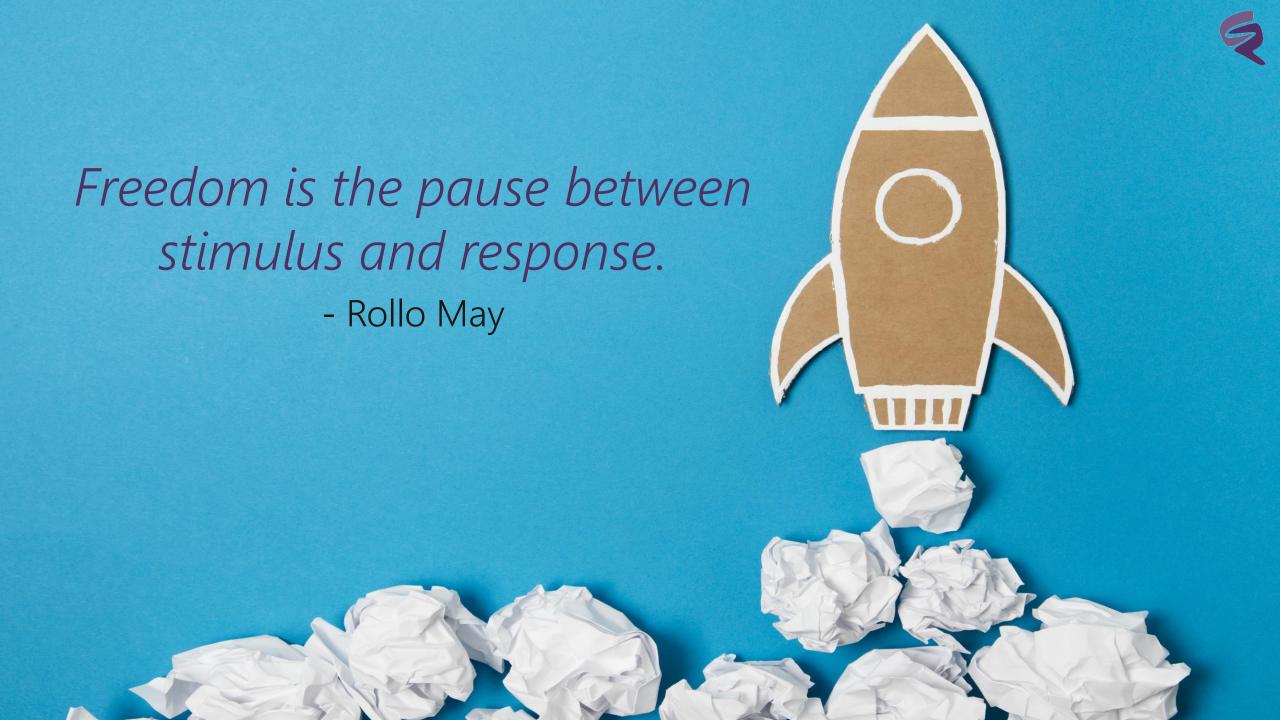




Central to the process is the understanding and acknowledgement that inequities exist.

Raising awareness to reduce bias takes
TIME!







### Take a P.A.U.S.E.

A quick way to check your reaction

Р

 Pay attention to what's actually happening—not the interpretation

А

• Acknowledge your assumptions given your lens on the matter

U

• Understand your background and how that might color your experience

S

• Seek other perspectives on what might be happening

Е

• Examine your options and make a decision

Seeing things from a different perspective.

Perspective



### 6 Takeaways

- Bias is a normal function of the human brain:
  - It is a shortcut to interact with the world
  - It is necessary for survival.
- Unconscious biases are mental associations without awareness, intention, or control. These may conflict with our conscious thoughts and views.
- Our background and cultural experiences largely inform how we view and react to the world. Shine the flashlight on yourself.
- Sometimes our initial response is not the best one; stopping to **PAUSE** when making decisions is an effective way to check our assumptions and reactions.
- The work of embedding equity into every aspect of our roles cannot be accomplished overnight; a process; and journey.
- By raising awareness, we reduce bias and can implement actionable steps to mitigate bias and build the infrastructure for equity and inclusion individually and organizationally.







### Activity:

By raising awareness, we reduce bias and can implement actionable steps to mitigate bias and build the infrastructure for equity and inclusion individually and organizationally.

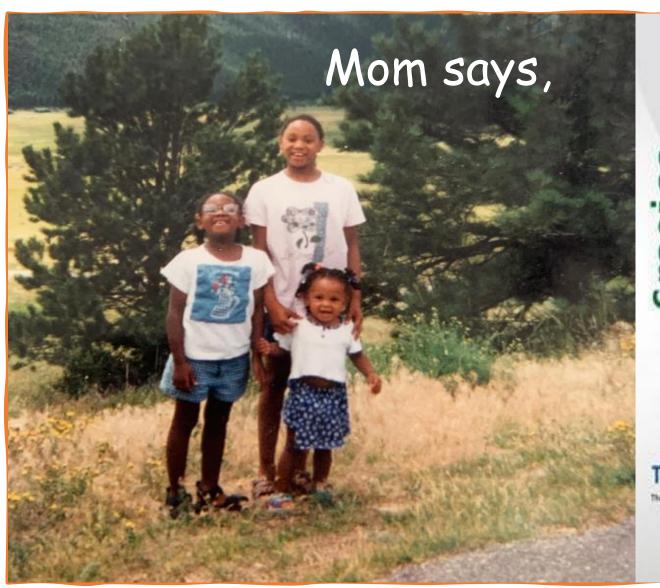
### Within the next 6 months or by April 15, 2023:

- 1. One individual actionable step to mitigate bias
- 2. One organizational actionable step to mitigate bias



https://www.youtube.com/watch?v=H2nJaNj4lw0





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Arie Nettles, PhD, NCSP, HSP

Professor, Clinical Pediatrics Director, Office of Inclusion and Health Equity **Understanding Bias:** A Necessary Component for **Building Equity and** Inclusion Infrastructure





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https://www.vumc.org/oihe/