Stress Management: The Aftermath of the COVID-19 Pandemic for Latino Families

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Presenter: National Hispanic & Latino Mental
Health Technology Transfer Center
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Danita Gallegos is a Licensed Clinical Social Worker in Houston, Texas. She has experience working with families in medical social work, crisis response, school social work and as a psychotherapist.

Danita currently works at UT Health Houston with the Texas Child Health Access Through Telemedicine (TCHATT) Program as a Supervisor, provides school mental health evaluations, care coordination and therapy.



Learning Objectives

- Discuss and identify how 2020 stressors have impacted youth and family mental health.
- Identify basic cultural considerations for Hispanic and Latino youth and families.
- Learn brief stress management tools that can be utilized to manage stress.



2020 Highlights



- January Start of a new year, Kobe Bryant dies
- February Talks of a new virus, Ahmaud Arbery
- March School disrupted, Breonna Taylor, toilet paper craze
- · April Schools and workplaces closed or on hold
- May George Floyd, televised protests, unemployment
- June Isolation, lockdowns, Rayshard Brooks
- July Isolation and lockdowns
- August No clear plan of start of school, CA wildfires, Kenosha protests and killings
- September School begins with little plans, families units stressed
- October Continued virtual school and transition to in-person begins
- November and December Lack of holiday normalcy, grief revisited, unemployment rates still high







COVID and Hispanic/Latino families



The Hispanic/Latino/Latinx Population

What does this population in the United States of America look like?

According to the recent Census:

- U.S. total: 328,239,523 (2019 population estimate);
- 59.9 million (18.3%) self identify as Hispanics and Latinos
- Expected to be 30% by 2060





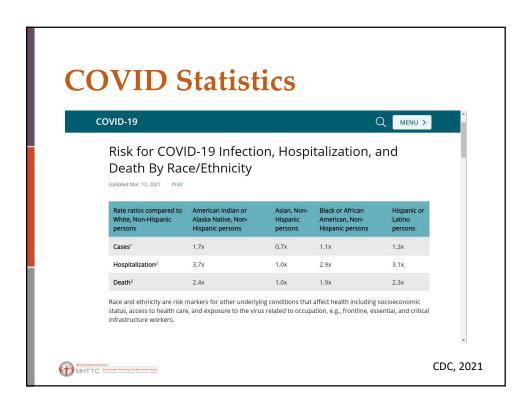
Cultural Considerations

- Literature has documented some sets of characteristics shared by most Latinos, including:
 - · Spanish language;
 - *Personalismo* (personal contact, positive rapport, formal friendliness)
 - Familismo (familialism or collectivism, unified support)
 - Respecto (respect given to professions, authority figures)
 - *Machismo* (manliness/protector/provider)
 - *Marianismo* (womanliness/nurturer/"sainthood")

(Falicov, 2014; Dana, 1998; Rivera-Ramos & Buki, 2011)







Contributions to Increase Rate

- According to the CDC, the following impact rates for exposure to COVID-19.
 - Discrimination
 - · Healthcare access and utilization
 - Occupation
 - · Educational, income and wealth gaps
 - And Housing.



CDC, 2021



Concerns and Fears for Undocumented Families

- Financial instability
 - Example: domestic and restaurant workers
 - No stimulus support or unemployment benefits.
- Unsafe work environment
 - Employers directing workers to leave after curfew.
- Fear of driving during citywide/countywide shutdowns
- Communal restrictions
 - Lack of spiritual support for families
 - Families who are caregivers for elders
- Decrease in college/university motivation of undocumented students
 - Entering workforce earlier to assist with family finances



Distrust of Medical Resources

- Community Resource Hesitancy
 - Undocumented populations
- Medical Experimentation in Communities of Color
 - Tuskegee Project
 - Sterilization of Women
 - Most recently, Georgia detention center





Beliefs and Experiences with Mental Illness

- Stress & depression as body pains backaches, headaches, or stomach aches
- *Fatalismo* Troubles may be attributed to moral conflicts, guilt and shame over poor judgment, punishment from God for one's ancestors' indiscretions, or simply fate/fatalism.
- May seek spiritual or other healers as a first step.





Beliefs and Experiences with Mental Illness

- More likely to seek help from a medical professional than a psychologist or psychiatrist due to the stigma.
- Most likely to do so from someone they know and respect, such as a <u>school-teacher</u> or long-time family doctor.







Commonly Overlooked <u>Mental Health</u> Barriers for the Hispanic/Latino Population

- Lack of mental health providers who are clinicians of color (11%, 5%)
- Lack of culturally tailored services and culturally competent mental health professionals
- Shortage of bilingual or linguistically trained mental health professionals
- Lack of access or fear of care if undocumented
- Cultural Stigma

Book suggestion: In the Country We Love by Diane Guerrero



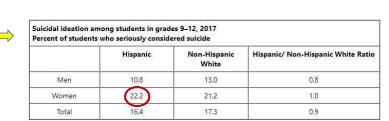
Latina Teen Suicide Concerns

According to the 2017 Youth Risk Behavior Surveillance Survey which was administered by the Centers for Disease Control and Prevention to people ages 10 to 24:

- 1 out of 10 Latinas has attempted suicide in the past year;
- 2 out of 10 have made a suicide plan;
- Half have said they felt hopeless.
- Depression, suicidal thoughts and suicide attempts have remained above Latino male youths, and white males and females.

Source: 2017 Youth Risk Behavior Surveillance Survey





Source: CDC 2019. High School Youth Risk Behavior Survey Data. Available at https://nccd.cdc.gov/youthonline. [Accessed 08/02/2019]

 Suicidal ideation among students in grades 9–12, 2017

 Percent of students who attempted suicide
 Non-Hispanic White
 Hispanic/Non-Hispanic White Ratio

 Men
 5.8
 4.6
 1.3

 Women
 10.5
 7.3
 1.4

 Total
 8.2
 6.1
 1.3

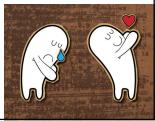
Source: CDC 2019. High School Youth Risk Behavior Survey Data. Available at https://nccd.cdc.gov/youthonline. [Accessed 08/02/2019]



Privilege Can Create Conflict in Mixed **Status Families**

Mixed Status = Documented vs. Undocumented

- Documentation status
- Transportation
 – access to a car and DL
- Language barriersDependent on translation
- Financial access credit access, cash pay
- Qualifying for academic aid
- Employment
- Sense of safety/deportation fears





Emotional Backpack

What are we all carrying?

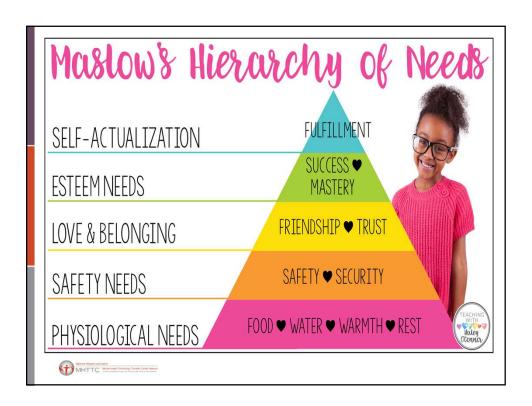


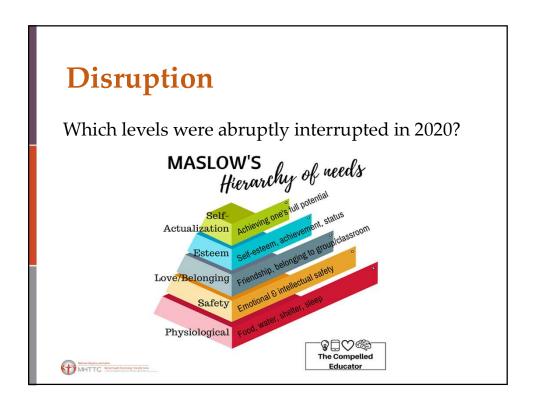
Chaos & Disruption

Maslow's Hierarchy of Needs Ethno-racial Trauma Toxic Stress The Amygdala Hijack











Ethno-racial Trauma

The individual and/or collective psychological distress and fear of danger that results from experiencing or witnessing discrimination, threats of harm, violence, and intimidation directed at ethno-racial minority groups.

This form of trauma stems from a legacy of oppressive laws, policies, and practices.

How has this effected our families in 2020?



Being Mindful

Conversations about racial injustice

- Not new for our children
 - Permission for conversations may have changed
- What does your school or agency do to support students/children of color?





Toxic Stress (Over active stress response)

- Stressful events that are chronic, uncontrollable, and/or experienced without support from caring adults. Strong, frequent, or prolonged activation of the body's stress management system.
- Two brain regions effected
 - Fear, anxiety, impulsive responses = overproduce neural connections
 - Reasoning, planning, behavioral control = produce fewer neural connections
 - A lot of responses and not a lot of thinking!
- Extreme exposure can change the stress system.
 - Responds at lower thresholds
 - Activates more frequently and for longer periods than is needed





TS and Intergenerational Trauma

- Male rat study 2013
- Cherry blossoms Electric current on foot 10 days
- Bred with females
- Up to 3 generations
 - Sensitivity to the cherry blossom smell (jumpy/nervous)
- DNA gene encoding smell receptor (in olfactory bulb)
- · Dissected brain
 - · Greater number of neurons that detected scent

It is not that fear is being passed down the generations – it is that fear in one generation leads to sensitivity in the next

(Dias & Ressler, 2014)



Toxic Stress

- Increases stress hormones
- Increases inflammation
- Decreases neuroplasticity
- Increases cellular aging
- Increases cortisol



(Shonkoff, Boyce & McEwen, 2009)



Effects of Increase in Cortisol

- Disrupts sleep
- Stimulates fat accumulation
 - Triggers craving sugar and fatty foods
- Too much cortisol is toxic to the hippocampus
 - Results in a smaller hippocampus over time
 - Decreases the level of **learning and memory**

Book Suggestion:

The Deepest Well by Nadine Burk Harris, MD

(Brunson, Grigoriadis, Lorang & Baram, 2002)



Sleep Hygiene & the Amygdala Hijack



Sleep Hygiene

- 1 Cycle = 3 total **sleep stages**
 - NREM Non rapid eye movement
 - Two additional stages
 - REM Rapid eye movement
- 1-1.5 hours per cycle (uninterrupted)
- Need 4-5 Sleep Cycles
- Totals 8 hours





(Eugene & Masiak, 2015)

Important because...

- Sleep acts as a garbage collector that comes during the night and removes the waste product left by the brain.
- Eliminates toxins
- Flush out the cellular trash in the body
- Repairs brain cell damage
- Important for physical and brain growth



(Eugene & Masiak, 2015)



Effects of Lack of Sleep

- Temporal lobe language processing
- Behavior, mood, cognitive performance
- Hippocampus Long term memory cannot consolidate learned tasks from previous day
- Lapse in attention span
- Decreased reaction time Depends more on the amygdala/emotional reaction





(Eugene & Masiak, 2015)

Roads Lead to the Amygdala

- FIRE ALARM SYSTEM
- There is a BEAR IN THE ROOM!
- Amygdala = Flip the lid
 - Blood/Oxygen push
 - · Adrenaline rush
 - Fight/Flight/Freeze
 - Logic shuts down





Reversing the Amygdala

- Ventral Vagal Network
 - #1 Function NOT to respond in an extreme way
 - Deep breathing activates VVN
 - More blood directed to logic brain to enter back in to state of social engagement.
 - Tells the brain we are safe again
- Hippocampus Files memory away as SAFE!





Learning stress management tools that can be utilized in a school setting



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Time Matters

✓15 minutes to go from emotional/amygdala brain back to logic/learning brain ✓14-21 days to create a new habit









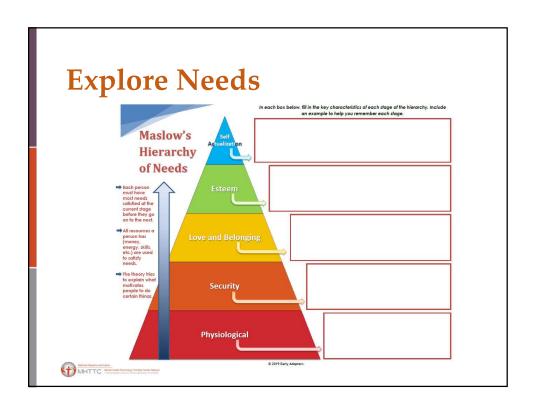
Tool 1: Assess for Basic Needs & Concerns

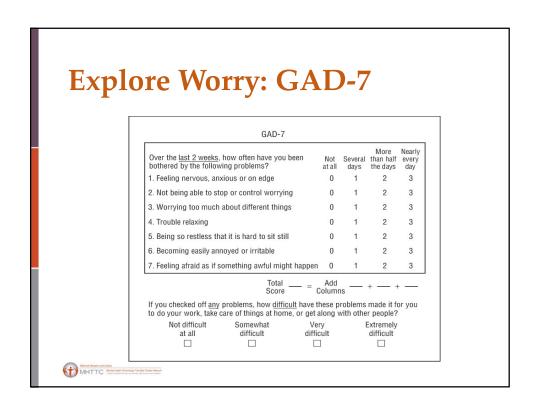
Start the conversation:

- Maslow's Hierarchy of Needs
- GAD-7 Assessment
- PHQ-9 Assessment
- CFI: Cultural Formulation Interview
- Toxic Stress Buffer Checklist









PHQ9P PATIENT HEALTH QUESTIONNAIRE - 9 Comments: Over the last 2 weeks, how often have you been bothered by any of the following problems? 1. Little interest or pleasure in doing things 2. Feeling down, depressed, or hopeless 3. Trouble falling or staying asleep, or sleeping too nuch fall the much fall the feeling tired or having little energy 4. Feeling tired or having little energy 5. Poor appetite or overeating 6. Feeling bad about yourself — or that you are a failure or have let yourself or your family down 7. Trouble concentrating on things, such as reading the newspaper or watching television 8. Moving or speaking as a slowly that other people could have noticed? Of the opposable — being so fogety or resides that you have been moving around a lot more than usual 9. Thoughts that you would be better off dead or of hurring yourself in some way

MHTTC Vend Heath

Explore Buffers

Checklist to reduce over active toxic stress response

- ✓ Healthy Relationships
- ✓ Nutrition
- √Sleep
- ✓ Exercise
- ✓ Mental Health
- ✓ Meditation/Mindfulness



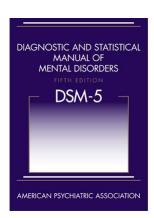
= Total Score:

Extremely difficult



Use of the CFI: Cultural Formulation Interview

- DSM-5
- Evidenced Based
- Series of questions
- Person centered
- Cultural approach
- Informs treatment planning



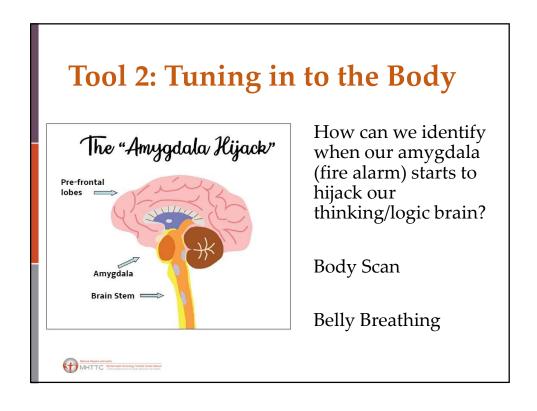


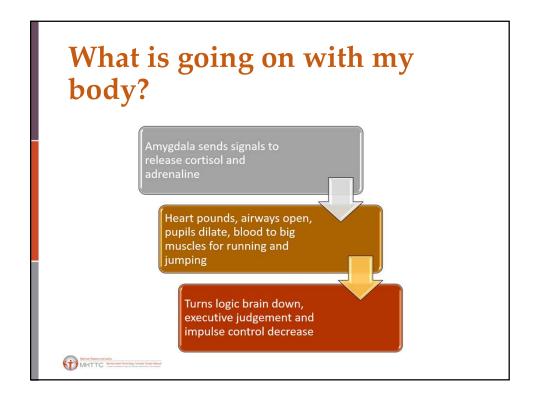
Use of the CFI: Cultural Formulation Interview

Four domains:

- Domain 1: Cultural definition of the problem
- Domain 2: Cultural perceptions of the cause, context and support.
- Domain 3: Cultural factors that affect self-coping and past help seeking.
- Domain 4: Cultural factors that affect current help seeking.



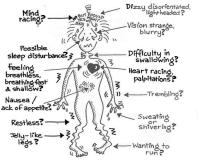




Body Scan Activity

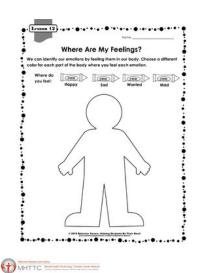
- Imagine a BEAR comes in to your office/room RIGHT NOW!
- What areas of the body do you feel it in and what symptoms do you notice?







Body Scan Activity



- Used as a teaching tool
- Common signals in children
 - Heart races
 - Stomach hurts
 - Legs/hands shaking

What do we do with this?

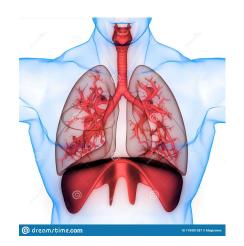
- Safely engage in energy depletion
- Fight/Flight = Hands/Feet





Belly Breathing

- To reverse the amygdala switch
 - Activate the Ventral Vagal Network
- Deep Diaphragm Belly Breathing
 - Place one hand on the belly
 - 4-5 seconds in Nose
 - Stomach pushes up against hand
 - · Chest remains still
 - 5-6 seconds out Mouth O shape
 - Pursed lips
 - Tighten ab muscles
 - Stomach falls downward





Birthday Cake Activity

- Image your favorite birthday cake flavor
- Writing/drawing activity
 - Five senses
 - Sight, touch, hear, taste, smell
- Practice Deep Belly Breathing while imagining this delicious birthday cake.
 - · Close eyes
 - Inhale SMELL THE CAKE
 - Exhale SLOWLY BLOW OUT TONS OF CANDLES





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Tool 3: Connect to Five Senses Grounding 5 4 3 2 1 GROUNDING TECHNIQUE 5 things you can see 4 things you can feel 3 things you can hear 2 things you can smell 1 thing you can taste

Tool 3: Connect to Five Senses Creative writing

• Creating my safe space by writing a story.





Practice

- Write a short story while incorporating the five senses.
 - Identify a character
 - Sight/See
 - Hear
 - Taste
 - Smell
 - Touch/Feel





Activity: Creating my safe space...

- Identify a character, pick a location and write a 5 senses story.
 - Mrs. Grapejuice was at home and lost her crayons.
 - She had purple hair, purple lipstick and a purple dress.
 - She wanted to go to the store but she needed to find her crayons on the way to the store. The crayon colors were yellow, blue, green and red.
 - As she walked to the store she heard birds chirping. The birds were chirping and singing happy songs.
 - When Mrs. Grapejuice walked by a bakery she smelled delicious cookies. Her favorite cookie is chocolate chip.
 - She went inside and tasted the chocolate chip cookie.
 - It felt warm and gooey as she tasted it.
 - It made her feel happy and calm.

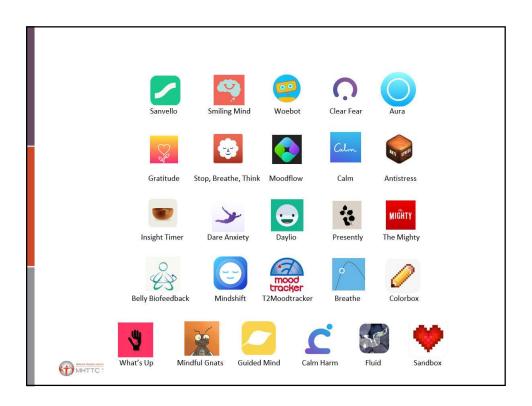


Tool 4: Using Technology

- Mindfulness Coach Practice Daily
- Colorbox
- Insight Timer
- Mood Trackers Daylio
- Favorite App List in the chat box
- Look for local virtual support groups







Additional Considerations

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Language Considerations for Schools

- When doing these activities, it's okay for the student to do it in their preferred language.
- Language assistance when parents/caregivers call for information.
- Coping, mental health and crisis communication offered on sites in multiple languages
- Informed consent documents in various languages





School-based Telemental Health

Advantages:

- greater efficiency (decreased commute time, easier scheduling)
- capacity for higher volume
- increased access to care for students

Disadvantages:

- patient concerns about their own privacy
- concerns related to the ability to effectively engage families in care without being face to face with them in person



(Stephan S, Lever N, Bernstein L, Edwards S, Pruitt D., 2016)

COVID Era Concerns

- Students tired of zoom
- No internet
- Patient privacy everyone is home
- Adjustments:
 - · Hard of hearing
 - Vision of students
 - Language deficiencies
 - Need for physical action for some





Policies: Stay up to date

- Create a way to keep up with local policies regarding undocumented persons.
 - Helps connect when concerns arise.
 - Opportunity to find connections and resources.
 - Local Immigration Non-Profits good resource





Partnering with the School Nurse

- Mental health comes out as somatic symptoms
- Latino families are more likely to seek help from a medical professional than a school social worker or counselor





Resource Specialists/Partnerships

Assign staff to help with basic needs, COVID needs and economic hardships

Partner with:

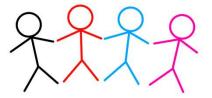
• Agencies who offer intervention that don't require additional information from undocumented people.





Last thought of the day:

- Building relationships
- Personalismo
- Therapeutic Rapport





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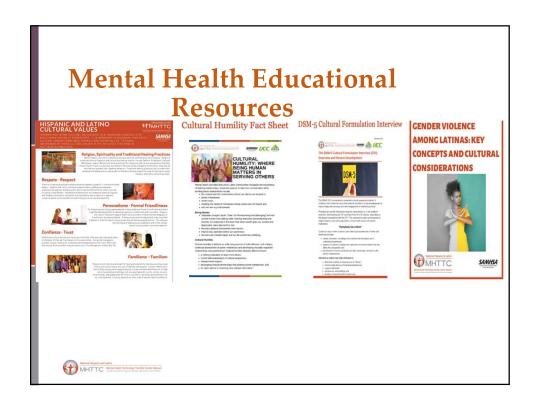


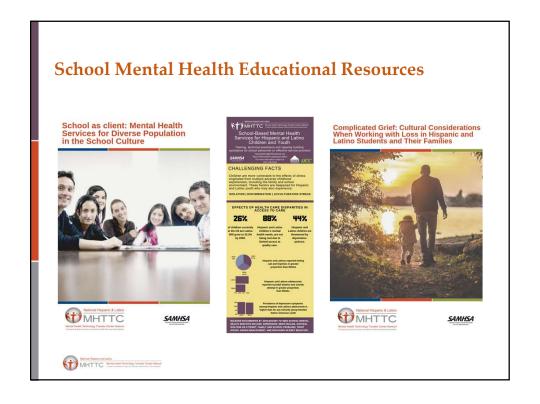
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Educational Resources
https://mhttcnetwork.org/c
enters/national-hispanicand-latinomhttc/product/stressorshispanic-and-latinocommunities

