



# SDoH and neuroimaging markers for AD

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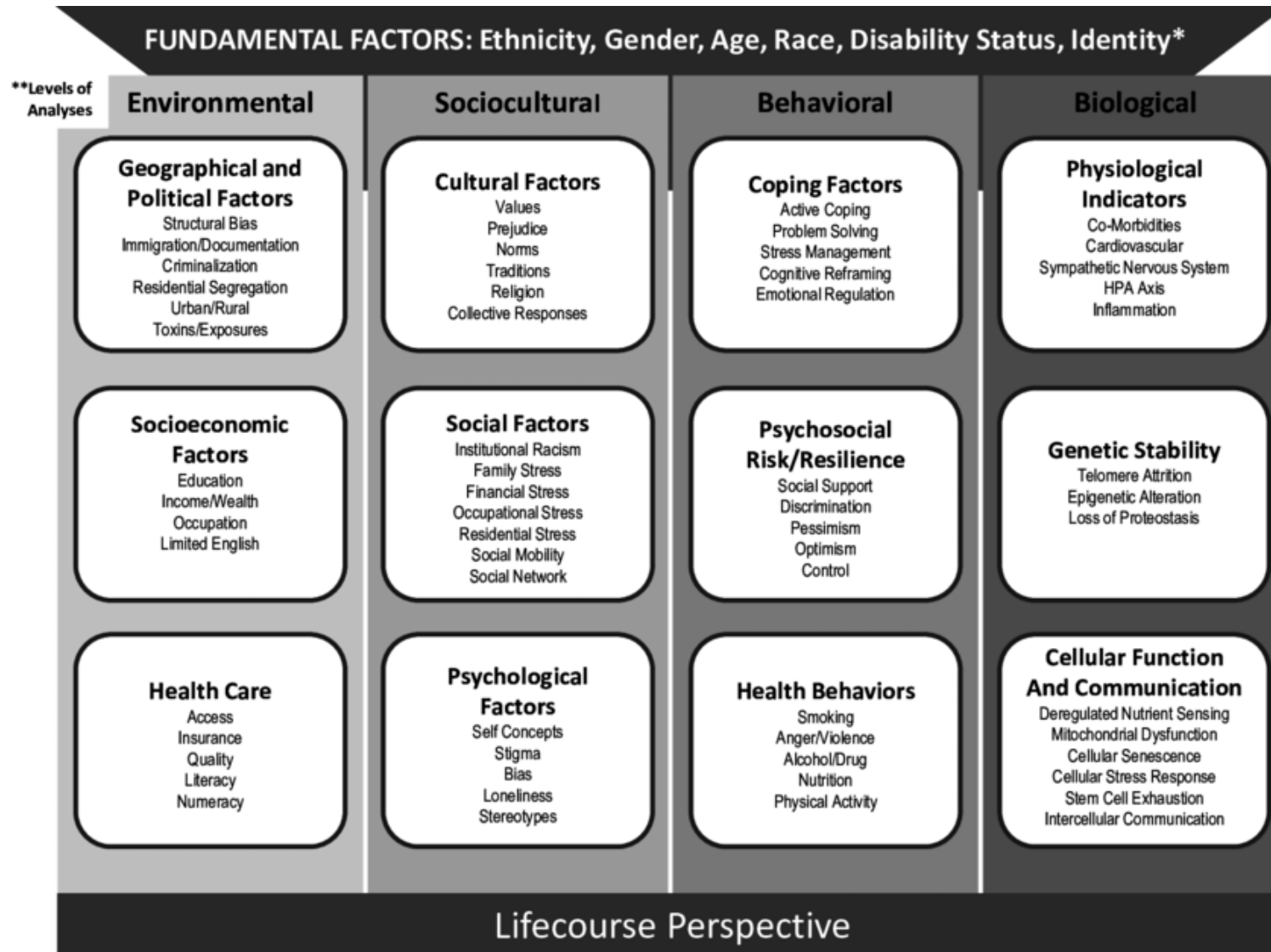
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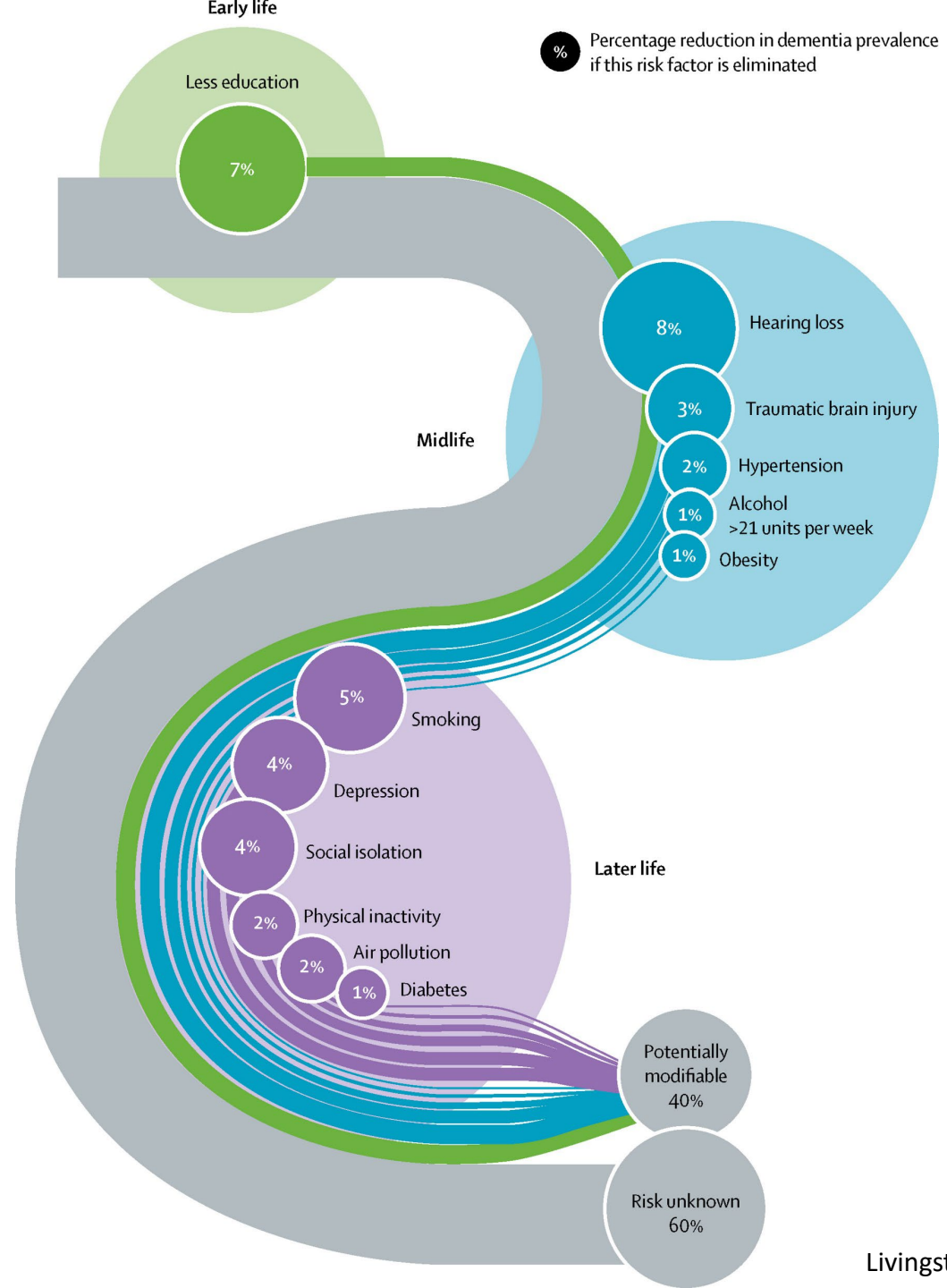
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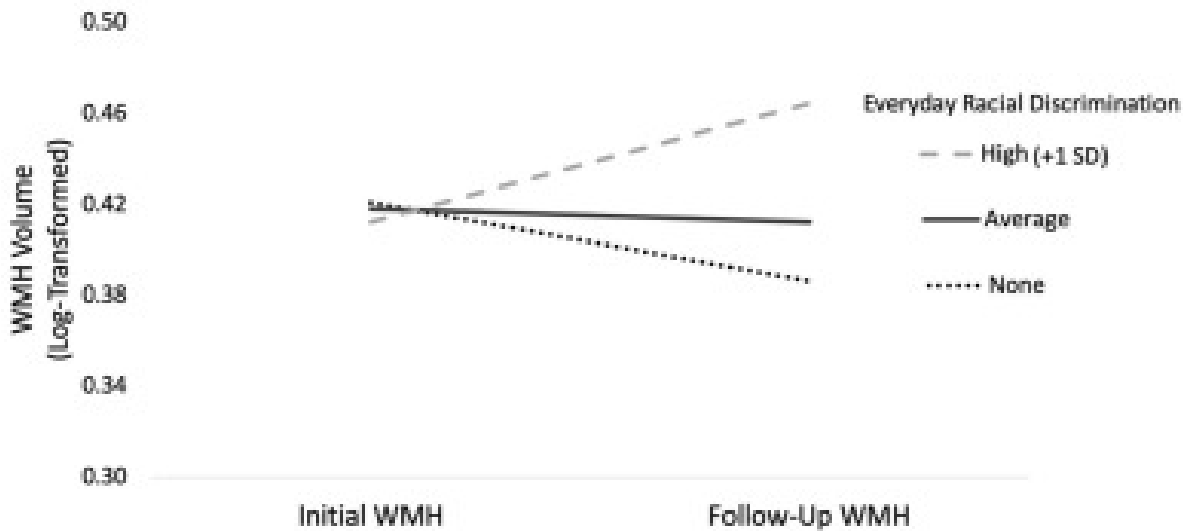
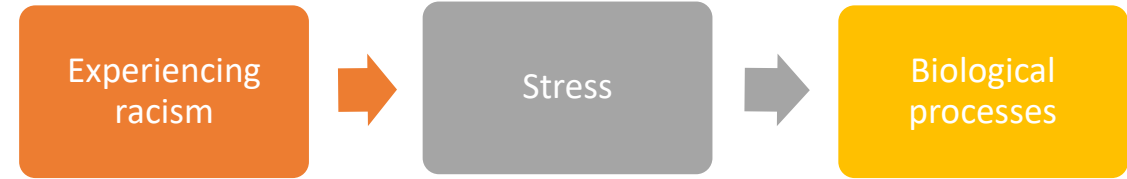
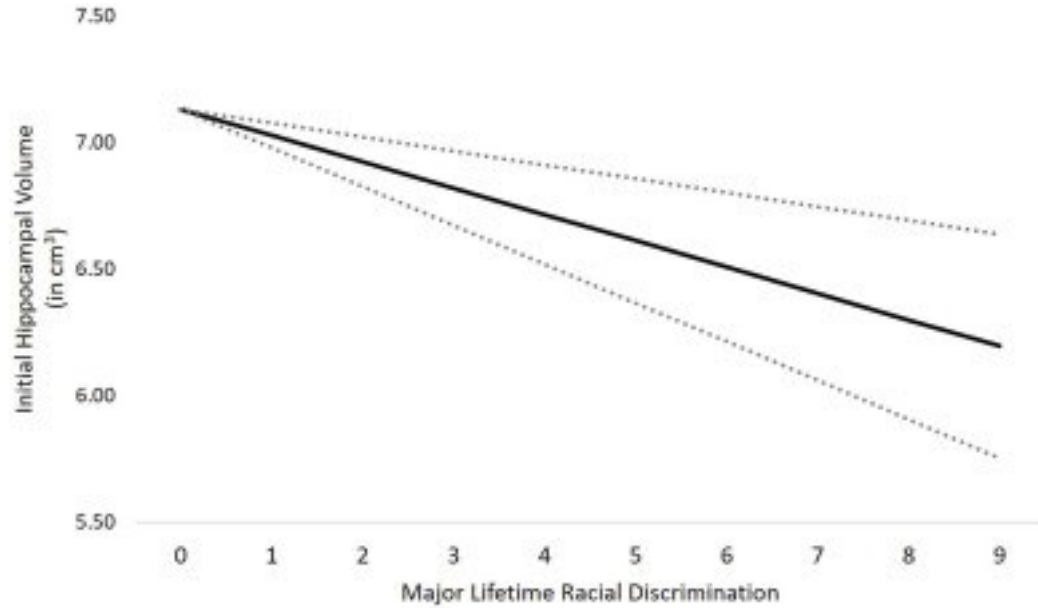
# Health Disparities Research Framework



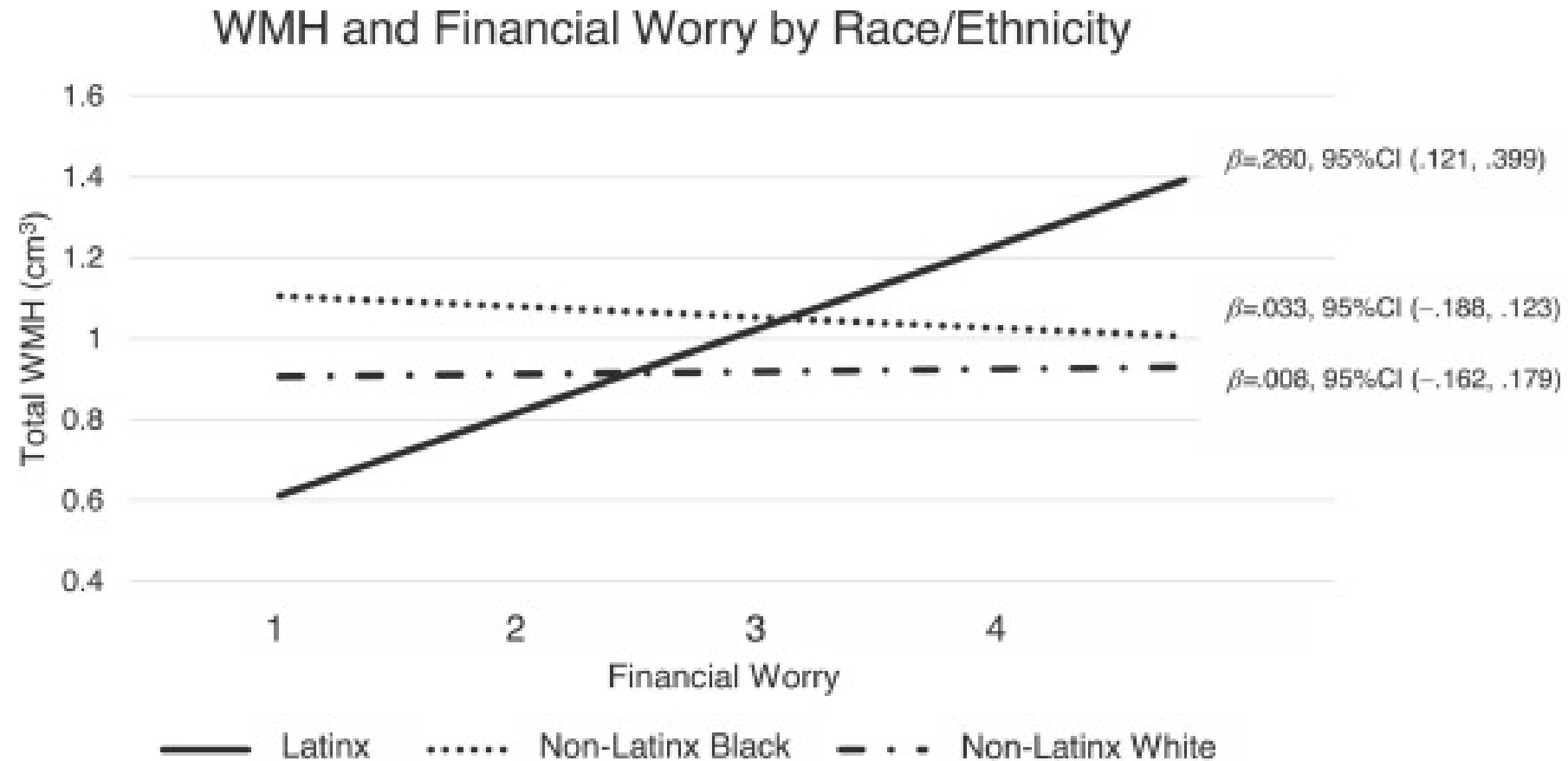
# Modifiable Risk factors for disease



# Discrimination and MRI measures of brain aging



# *Greater financial worry is associated with more WMH in Latino participants*

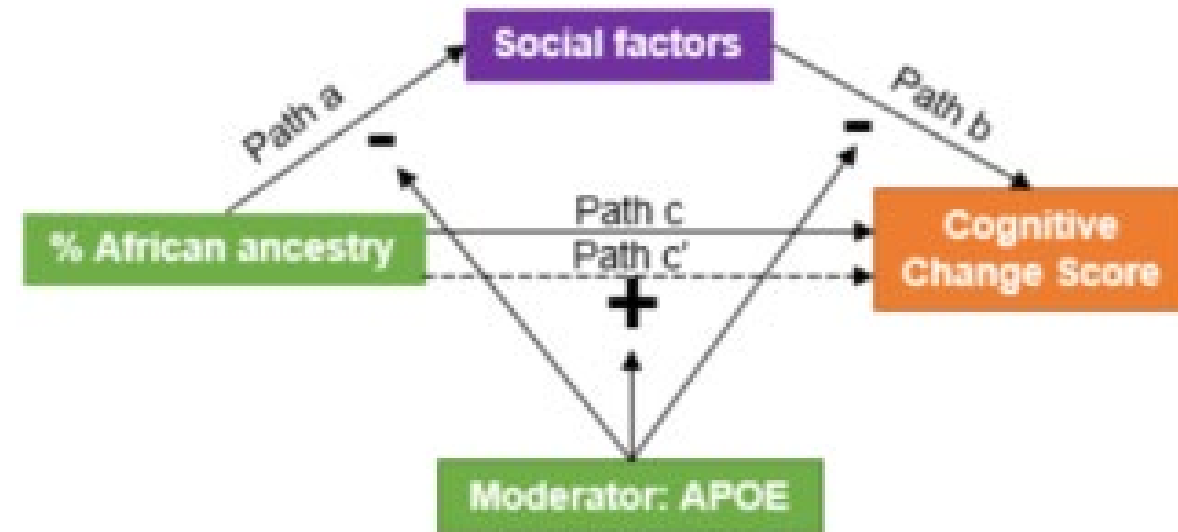
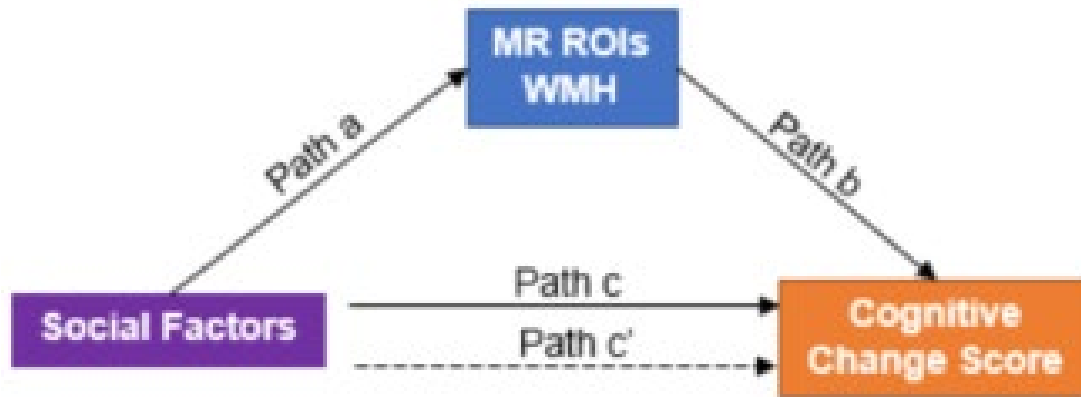


# *SDoH leads to higher vascular burden, problems with current drug trials*

Increased CVD in Black Americans.  
→ Issues with amyloid-related imaging abnormalities (ARIA)?  
→ Are anti-amyloid drugs safe for Black Americans?

	<b>Amyloid in older Black adults</b>
Gu et al. 2015	No difference (PET)
Gottesman et al. 2016	Higher (PET)
Howell et al. 2017	No difference (CSF)
Garrett et al. 2019	No difference (CSF)
Morris et al. 2019	No difference (CSF)
Meeker et al. 2020	No difference (PET)
Kumar et al. 2020	No difference (CSF)
Brickman et al. 2021	No difference (PET, plasma)
Deters et al. 2021	Lower (PET)
Lao et al. 2022	No difference (PET)
Schindler et al. 2022	Lower (PET)
Ramanan et al. 2023	No difference (plasma)

# *The role of SDoH on cognition*



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Mental Health and  
Academic Warriors

