

Beyond the pandemic: Sustainable practices to support students with disabilities

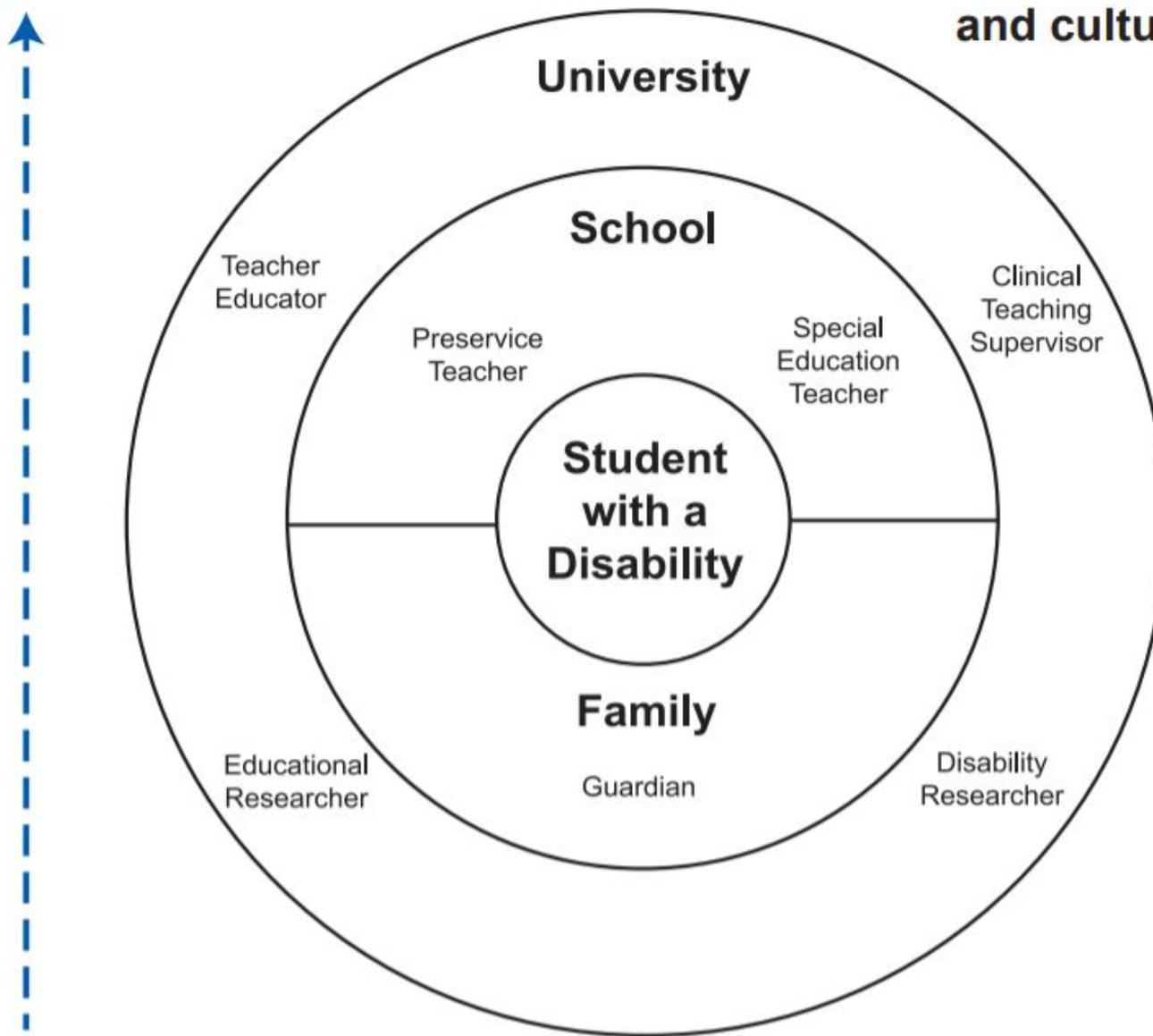
National Academies of Sciences, Engineering, and Medicine

Marcia L. Montague, Ph.D.
June 13, 2022 2:15 - 3:20 ET

COVID-19 Context

Macrosystem: political and cultural influences

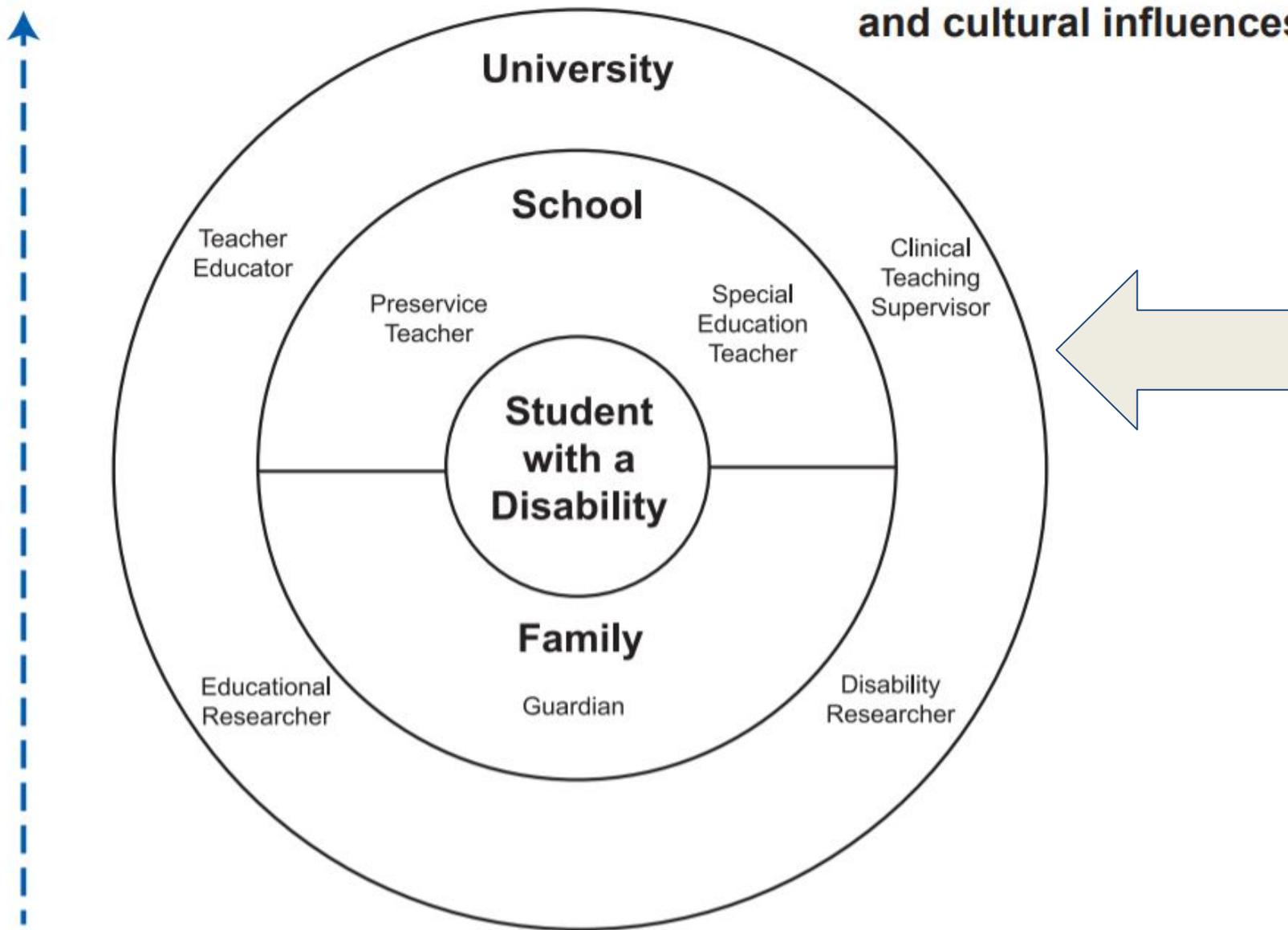
Chronosystem: changes in the COVID-19 pandemic across time



COVID-19 Context

Macrosystem: political and cultural influences

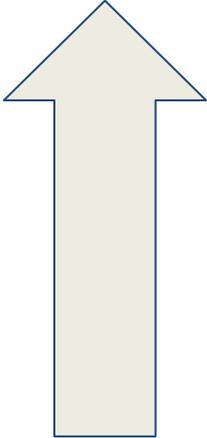
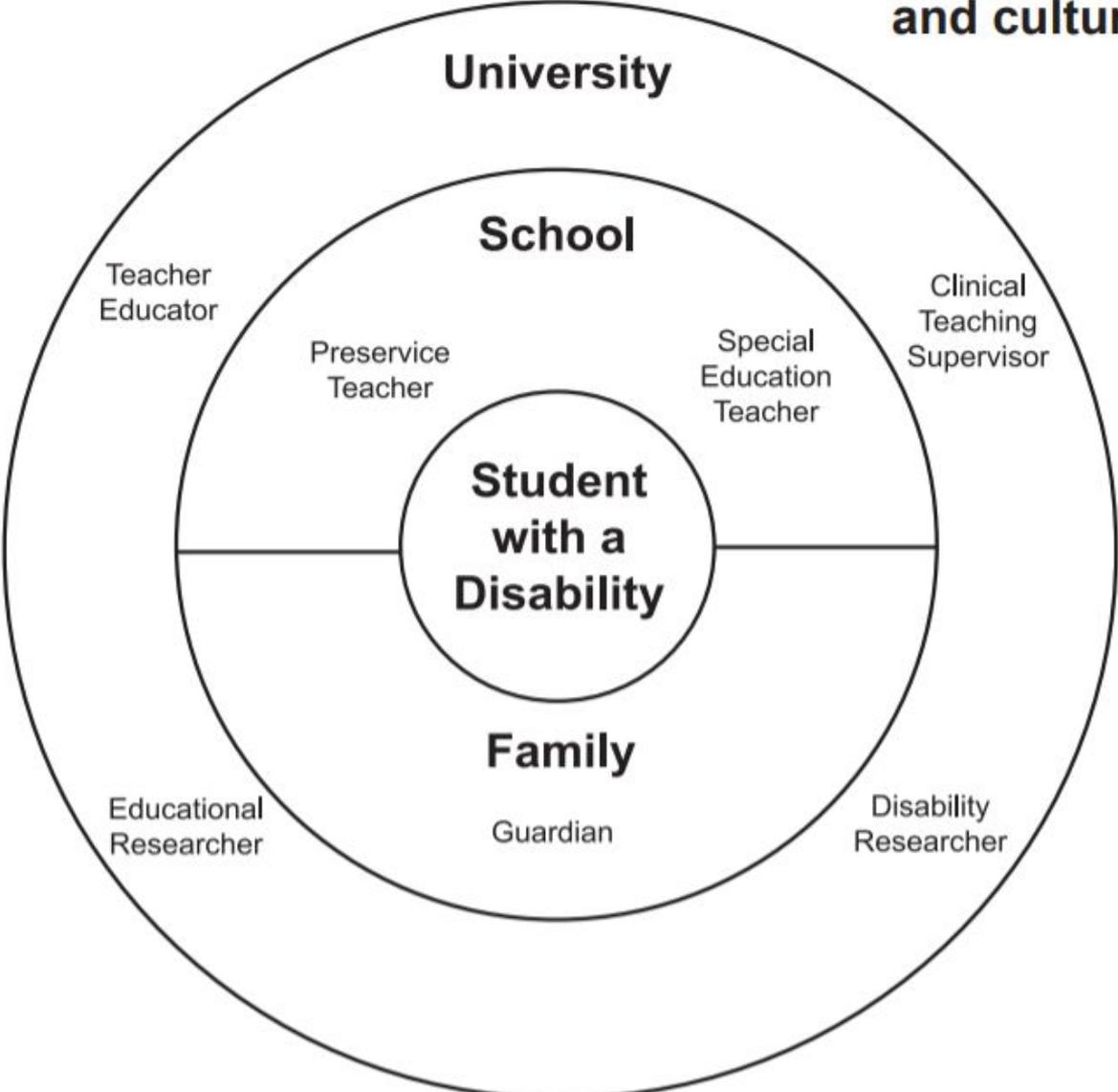
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COVID-19 Context

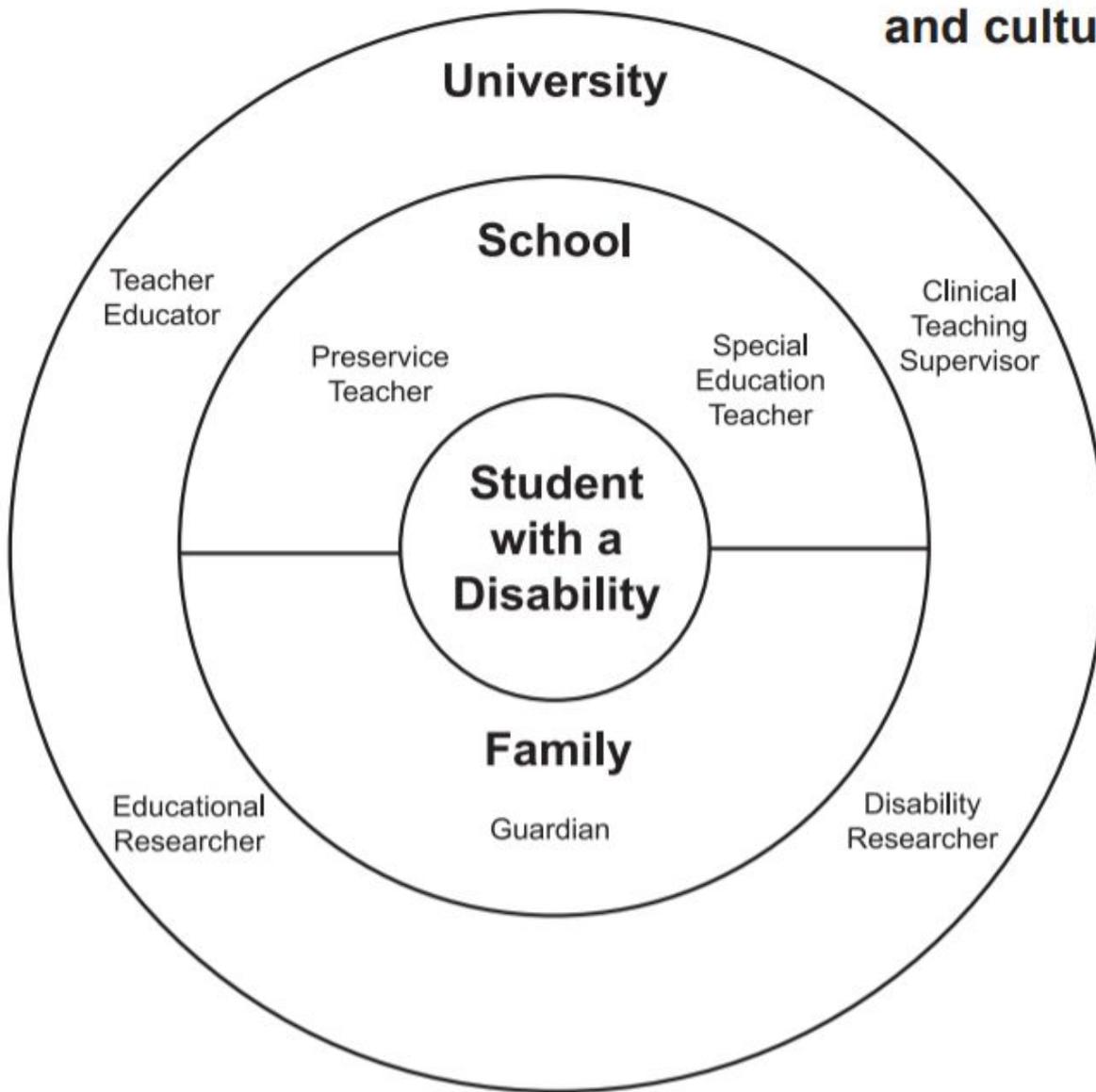
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COVID-19 Context

Macrosystem: political and cultural influences



Chronosystem: changes in the COVID-19 pandemic across time

Students with disabilities can benefit from the preparation of pre-service educators to teach in online environments

Why?

- Ensure PK-12 students with disabilities have access to quality, accessible instruction

How?

- *Embedded within the educational program via field-based courses*



TEXAS A&M UNIVERSITY
Aggie Homework
Helpline



A Case Example: Aggie Homework Helpline (AHH) Mission

The AHH is an initiative to help provide quality, free online tutoring to PK-12 learners and families. The mission of the AHH is to connect Texas families and school district partners with Aggie tutors who are committed to improving learning outcomes for PK-12 students.

Tutoring can provide

- instruction to address learning loss due to COVID-19 ([Edgerton, 2021](#))
- enrichment
- an educational routine
- connection to their peers ([DOE, 2021](#))
- a targeted dropout prevention intervention (Dynarski et al., 2008)

Benefits of online tutoring

- supports academic achievement (Chappell et al., 2015; Maloy et al., 2007; Beal et al., 2007; Roschelle et al., 2020)
- lower cost
- logistically easier
- allows for equity to be addressed (Roschelle et al., 2020)

What we know about quality tutoring

- Tutoring is strengthened when:
 - it lasts for at least 30 minutes
 - is offered in groups of 5 or fewer
 - is provided by trained tutors who receive ongoing peer and staff support ([Edgerton, 2021](#))
 - provides flexibility to increase access
 - is free
 - supports families ([DOE, 2021](#))

References

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