

RAPID: Using Real Life COVID-19 Data to Teach Quantitative Reasoning Skills to Undergraduate Hispanic STEM Students



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The Challenge (COVID-19)

- Extra stress on all undergraduate students
- Interruptions in undergraduate research opportunities
- Important to retain students in their classes, but it is equally important to engage them in real-life, albeit virtual STEM activities



Solution:

- To engage students and generate knowledge on teaching and learning about COVID-19 while gathering real time data
20 students–6 faculty

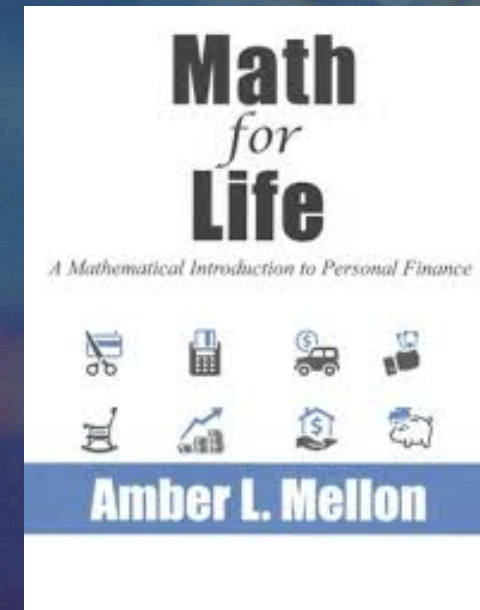
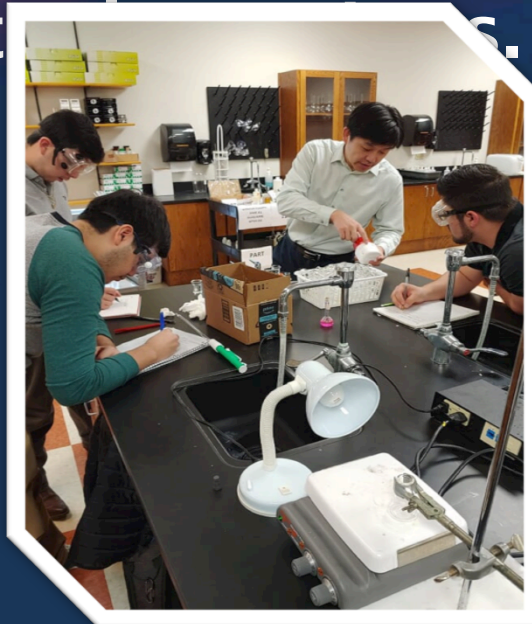
“ When the impossible happens, think of the possible.”

Objective(s):

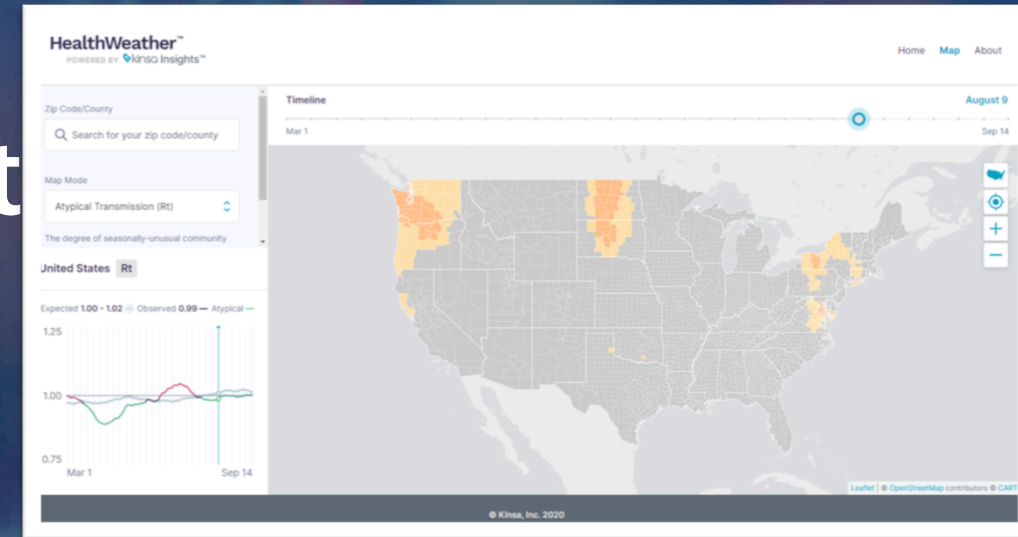
1. Implement a data-analysis research experience to support improvement of quantitative reasoning
2. Create a professional development opportunity for STEM LEAPS Undergraduate Research Faculty in quantitative reasoning
3. Evaluate the project's impact on students' quantitative

RAPID Research Faculty

- Faculty Development Training
- Reading, assignments, calculations, discussions, and reports via virtual meetings.



RAPID Research Assistant



<https://laredo.maps.arcgis.com/apps/opsdashboard/index.html#/9e61d9731ba347da87fc68c500a5209e>

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