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

PI: Dr. Nora Garza
Laredo College

Co-PI: Gabriela Solis-Cavazos
Laredo College
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 reasoning skills, their attitudes towards quantitative information, and their subsequent STEM coursework and college success
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
Contact Information

Dr. Nora Garza
nrgarza@laredo.edu
Vice President for Resource Development
Laredo College

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