

# Peer Led Team Learning (PLTL) "My Personal Experience"



March 28-30, 2019

MAA Oklahoma-Arkansas Regional Conference  
Northeastern State University, Tahlequah, Oklahoma  
Presenter: Sha'nee Hulsey

# Abstract:

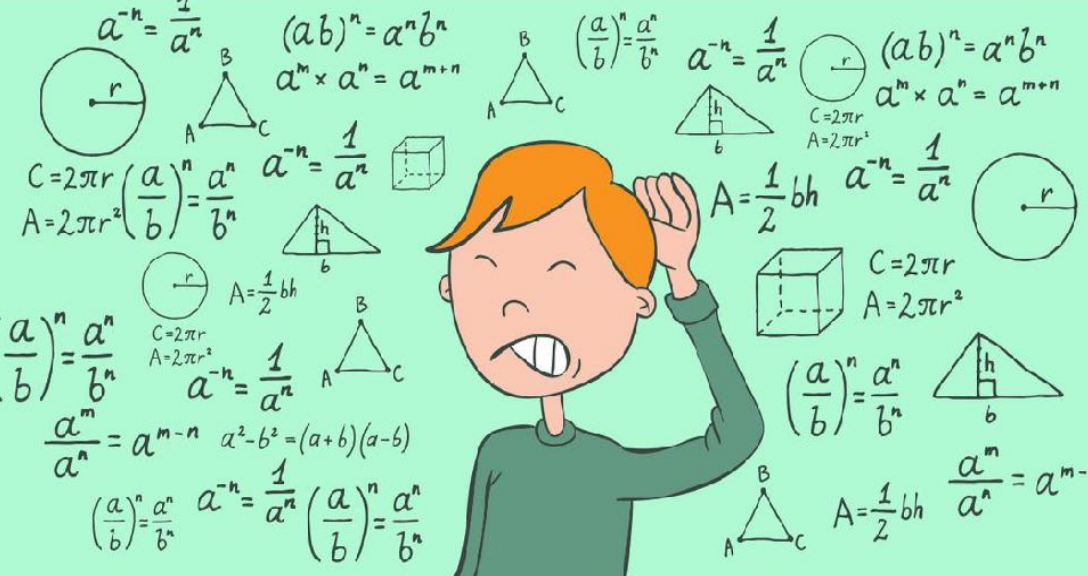
I am a participant at the NSF HBCU-UP TIP Grant at the University of Arkansas at Pine Bluff (UAPB).  
This presentation will cover the following:

how PLTL was designed to help students understand and achieve more in college algebra;

how the program has benefited students who attend the weekly sessions;

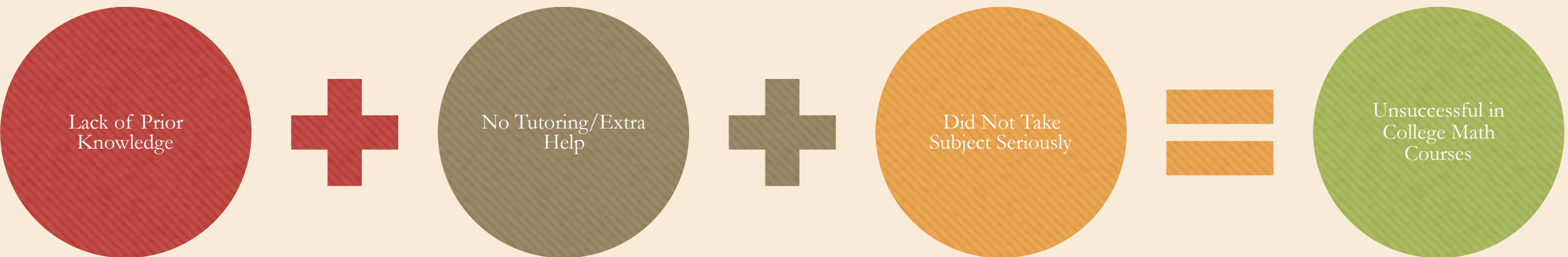
how being a Peer-Led-Team Learning (PLTL) mentor has benefited me as a math education major.





- Most students want to avoid math because of the difficulty.
- According the Common Vision Report from the Math Association for America website, 50% of students fail to pass College Algebra with a "C" or higher.

## Students vs Math Courses "Observations"



# What is Peer Led Team Learning?

Peer Led Team Learning is a model of teaching where undergraduate students in small groups receive tutoring and guidance from another undergrad who is more advanced in that particular subject.

The Leaders and their peers attend weekly workshops (for about 2 hours) to review information that was taught in class, work on homework assignments, and discuss other study tips that are useful to surviving the class.

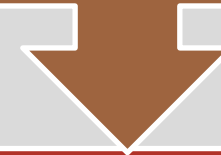
At our university, we do have regular tutors. However, these tutors have to be shared by many students. The good thing about PLTL is that students get more of one on one time with their PLTL tutors. The average tutor to student ratio is 7:1

# PLTL College Algebra at UAPB

As PLTL leaders, my coworkers and I visit the classroom that we are assigned too. The purpose of this is to observe what the students are learning, what their strong points and struggles are in college algebra.



In the weekly workshops, we review over the material and help the students with their homework on WebAssign.



PLTL Leaders and Algebra instructors meet once a week to discuss progress or issues in our students, and how we can help them.



## Resources: WebAssign

- WebAssign is a great assistance to our math department. The purpose of this website is to not only for students to complete homework, but assist them with it as well. Most of the problems have the following:
- Practice Problem
- Master It (shows step by step)
- Watch it Video ( Approximately a minute long)
- Book Reference
- 3-5 attempts

11. 1/1 points | Previous Answers LarColAlg9 1.2.043.

Solve the equation and check your solution. (If there is no solution, enter NO SOLUTION.)

$$\frac{3}{x^2 - 3x} + \frac{8}{x} = \frac{1}{x - 3}$$

x =  ✓

Need Help? [Read It](#) [Watch It](#) [Talk to a Tutor](#)

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12. 1/1 points | Previous Answers LarColAlg9 1.2.048.MI.

Find the x- and y-intercepts of the graph of the equation algebraically.

$$y = 3 - (6 - x)$$

x-intercept (x, y) = (  ✓ )

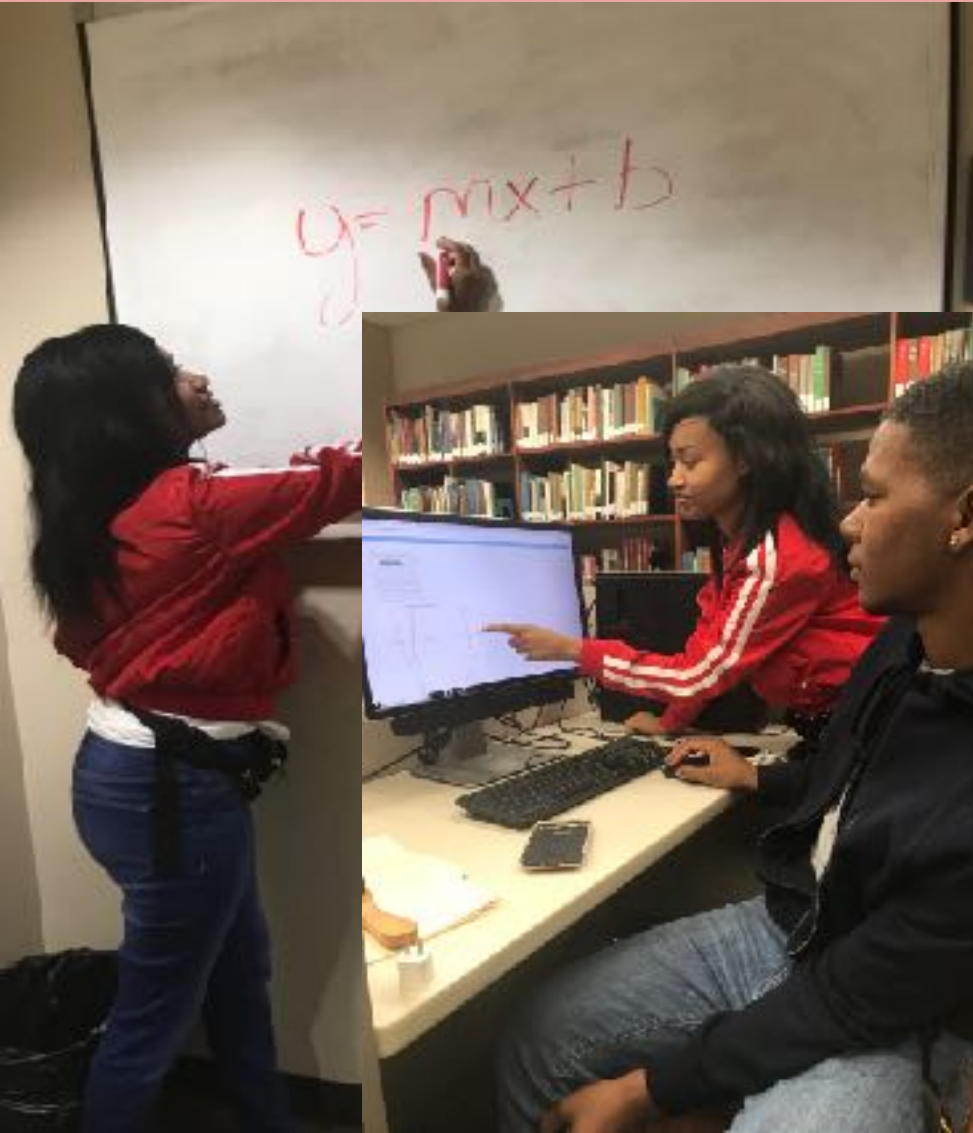
y-intercept (x, y) = (  ✓ )

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# PLTL

## Responsibilities



Reviewing &  
**RELATING** the  
material

Mentoring/Motivating

Keeping track of their  
grades and other  
progressive areas

Communicating

# Benefits of students who attended Weekly Workshops

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They grew in areas they once struggled in.

They turned in all their assignments on time.

Their grades increased. (instead of settling for a "C", most of them earned "A's on their homework and quizzes.")

They developed a more positive mindset about math.



# Students Midterms Grades

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# PLTL Has Benefited Me In My Major/ Future Career

I am majoring in math education,  
inspired to be an Algebra teacher.



PLTL has helped me developed the  
following:

Patience

Understanding

Experiencing  
different  
personalities

Given me more  
practice with  
Math concepts



# Advice to PLTL Leaders

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1

Visit the Algebra class at least once a week to take notes

2

Develop a relationship with your students.

3

Be Understanding and Patient

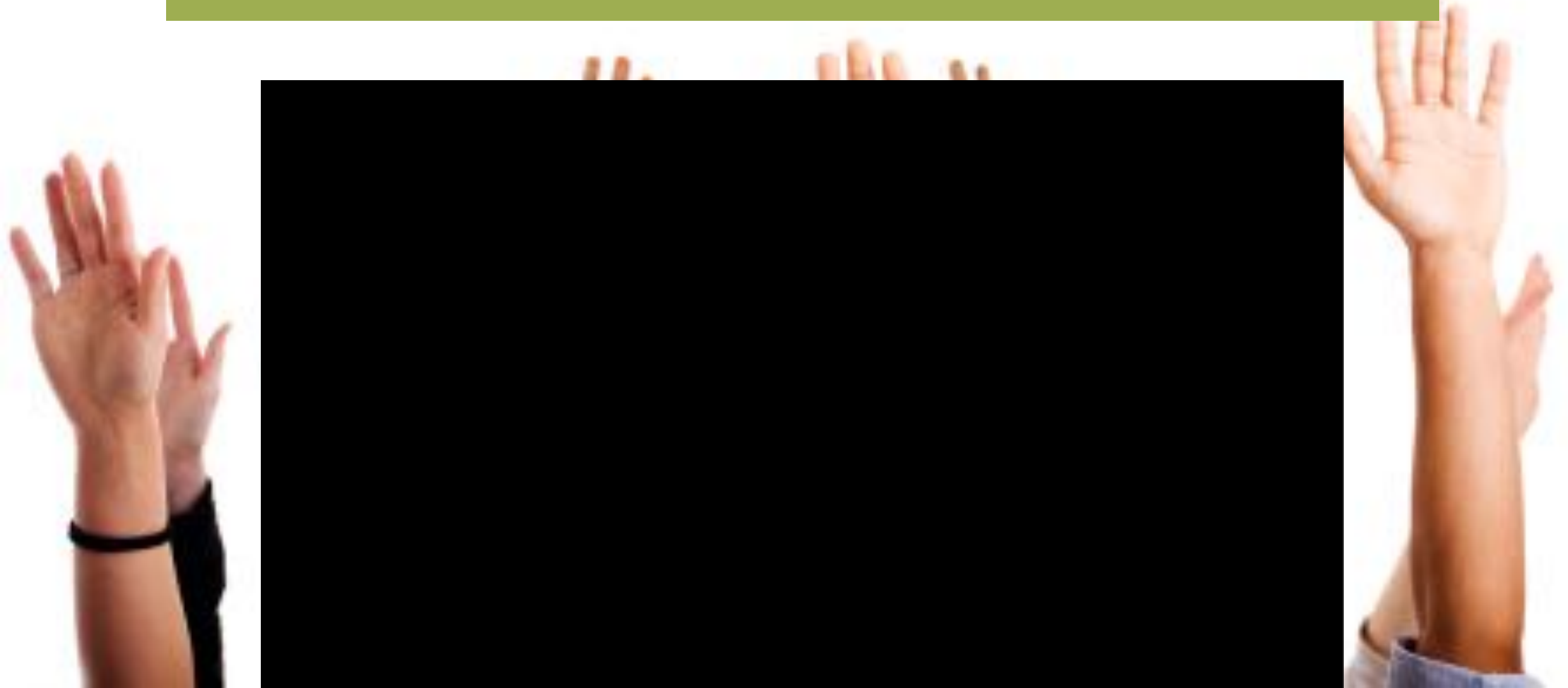
4

Have an efficient source of communication with your students.

5

Find different ways to motivate your students

# Student's Input





# Acknowledgements

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NSF HBCU-UP Targeted Infusion Project Grant Julia

Computing Diverse and Inclusion Grant

Dr Anna Harris

Ms. Rashunda Johnson



THANK YOU  
QUESTIONS