

## 2023-2024 PDSAs

### Completed PDSAs

- Math Anxiety
- RYSM!
- Faculty Student Social Interactions

### In-progress PDSAs

- Math Anxiety
- Campus Club
- SciMath Retreat
- Metacognition
- Study Session

## 2024-2025 PLANNED PDSAs

- Campus Club
- STEM Fair
- Social Event
- Time-Management
- Study-Skills
- Metacognition

## PDSA PROCESS

Our team has learned a lot about the Study section within the PDSA. We learned how to analyze data better and how to use that data to benefit our team and our future events.

We also learned how to collaborate with others to perfect our PDSA.

As faculty members of the institutional team, we have learned how to follow and be more efficient with PDSA timelines.

## PDSA COACHING EXPERIENCE

We have greatly benefited from the PDSA coaching experience in that it helps us prepare better learning questions for our analyses.

## SUMMARY

The completed Math Anxiety and RYSM! PDSAs really served as a springboard for future PDSAs in these areas. Both were conducted with minimal knowledge or experience.

Our Faculty-Student Social Interaction PDSA served us well in giving information about how professors can help STEM students succeed, but also as a basis for how to make this event even better in the future.

We look forward to improving the implementation and effectiveness of PDSAs at our institution. We believe our institution could benefit from further discussion regarding data collection and storing.

## HIGH LEVEL FINDINGS

Many students discussed that they felt belongingness at our student-faculty potluck. Students felt closer to professors, and stated that they would want things such as help with studying, confidence, and more professor resources.

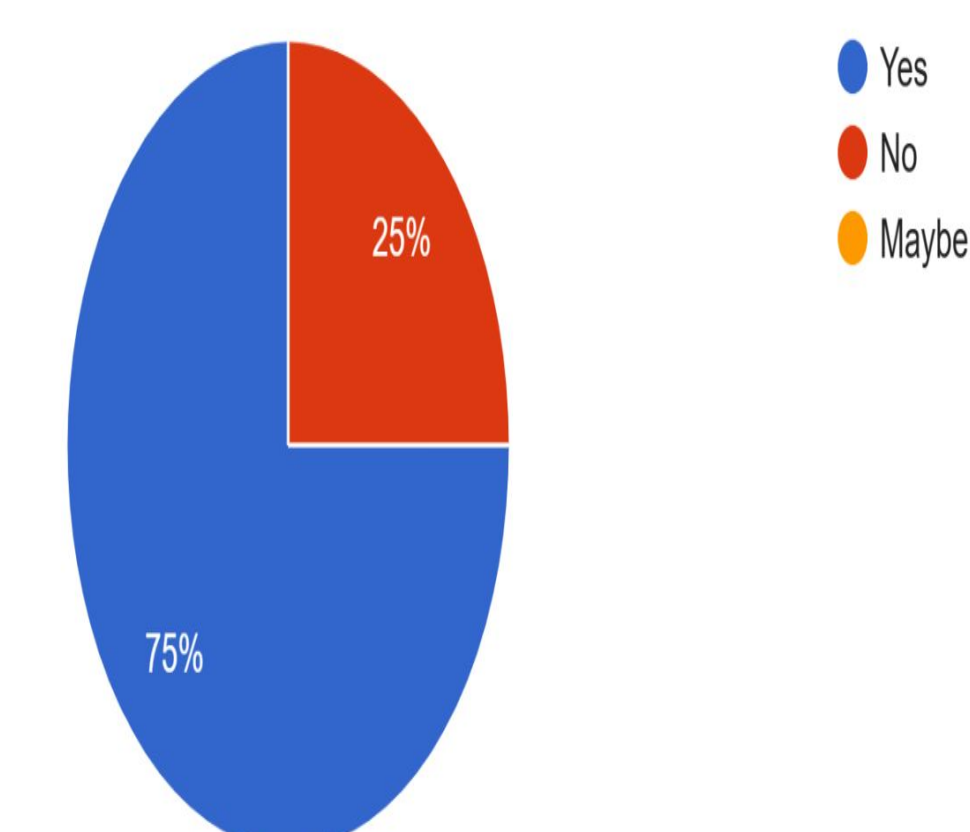
Students also reported they struggled with asking for help, time management, communicating with professors, and finding resources that benefit them

## PHOTO HIGHLIGHTS



## DATA

After this event, do you feel a sense of belongingness within the campus community?  
4 responses



## DISCUSSION & CONCLUSION

At our potluck event, we had 7 student participants who completed our pre-survey. After the event, we sent our post-survey out to those students and received 4 responses.

In our data collection from this potluck, we found that 3 out of 4 students felt a sense of belonging on campus, while 2 out of the reported that they felt belonging within their major.

Student reports about sense of belonging within their STEM classes went from 3/7 saying maybe, to 2/4 saying maybe, so there is still room to improve, and 2/4 reported that they felt a better connection to their STEM Professors after the event.

4/7 students reported that they struggle with time management, and 6/7 reported that they wanted professors to reach out about job opportunities.

## TIPS FOR OTHER INSTITUTIONAL TEAMS

The PDSA process is not as scary as it sounds! The process seems like a lot at first, but with help during the coaching sessions, you learn to perfect the craft. PDSA coaching is so beneficial to helping you collect good and useful data, and to help your PDSA run smoothly.