



The Rice University Noyce Master Teaching Fellowship Program



DUE #1556006

Principal Investigator: Anne Papakonstantinou



Exploring AVID instructional strategies for culturally-relevant mathematics instruction



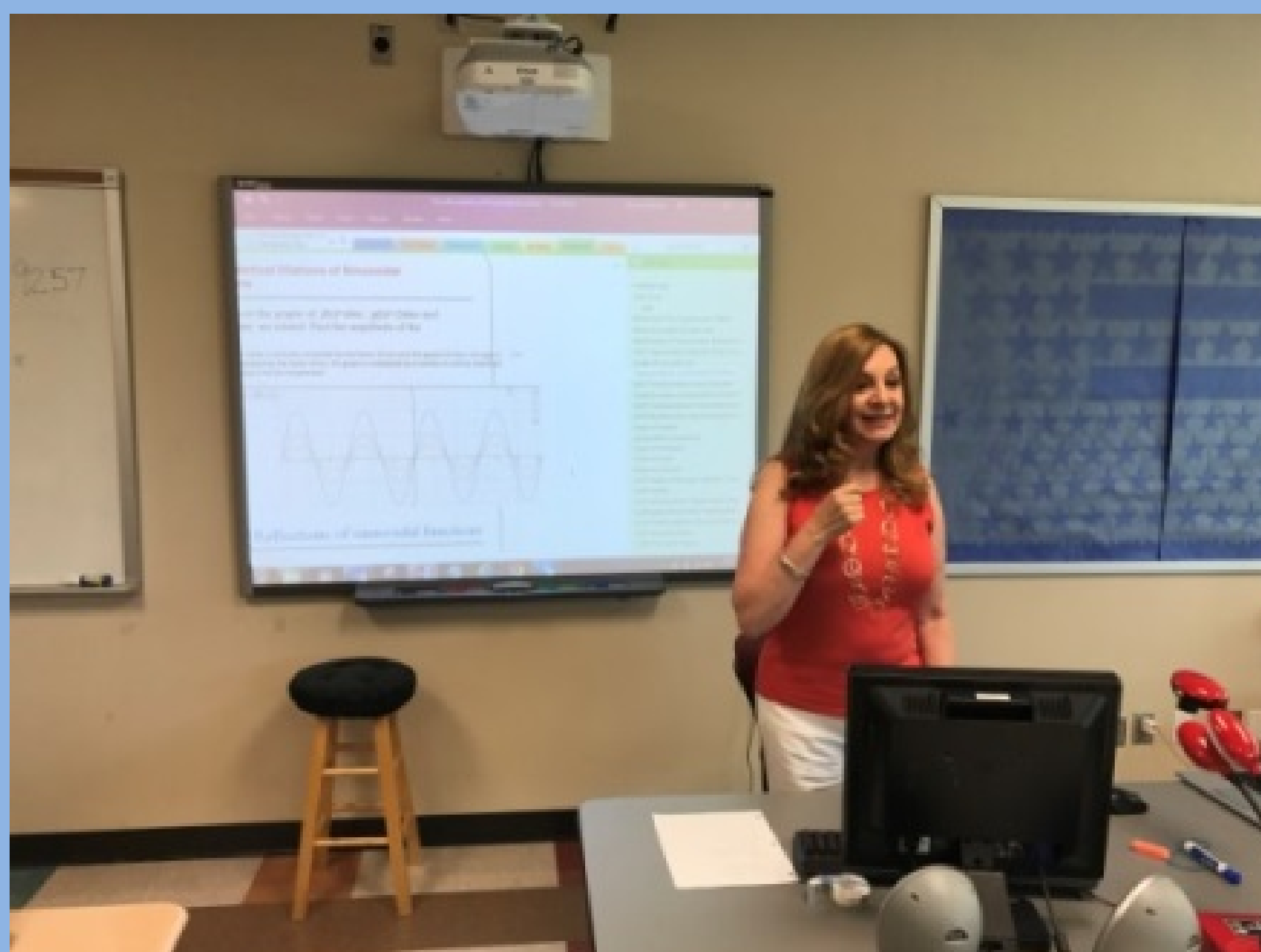
Preparing for solar eclipse community outreach activities with Rice Professor Patricia Reiff



Discussing the vision for mathematics in the Houston Independent School District



Understanding challenges faced by successful Rice students underrepresented in STEM



Sharing teaching and leadership strategies with colleagues

Activities/Courses	Year 1 2016-17		Year 2 2017-18		Year 3 2018-19		Year 4 2019-20		Year 5 2020-21		Year 6 2021-22
	Aca Year Spr '17	Sum	Aca Year	Sum	Aca Year	Sum	Aca Year	Sum	Aca Year	Sum	Aca Year Fall '21
Complete NCSI 590; Math I; CRT-E		x									
Complete NCSI 590; Math II; CRT-S				x							
Attend progress meetings	x		x		x		x		x		x
Demonstrate lessons for teachers	x		x		x		x		x		x
Plan & co-teach with teachers	x		x		x		x		x		x
Lead study groups or seminars for teachers	x		x		x		x		x		x
Mentor/observe teachers	x		x		x		x		x		x
Collaborate & interact with school community to promote math for all students	x	x	x	x	x	x	x	x	x	x	x
Participate/lead planning school & district math initiatives	x	x	x	x	x	x	x	x	x	x	x
Collaborate & interact with other MTFs	x	x	x	x	x	x	x	x	x	x	x
Plan co-teaching (summer PD)					x		x		x		x
Co-teach (summer PD)						x		x		x	
Mentor pre-service & intern math teachers					x	x	x	x	x	x	x
Assist in math methods courses					x	x	x	x	x	x	x
Observed by pre-service & intern teachers	x		x		x		x		x		x
Demonstrate exemplary lessons at the Life in School Conference			x		x		x		x		x

Schedule of activities for Rice Noyce Master Teaching Fellows



Engaging in challenging and thought-provoking mathematical investigations.



Gaining insights from Rice Professor Richard Tapia about the struggles of underrepresented minorities in STEM in higher education



Planning their leadership roles within the Rice University Teacher Education Program



Coming together as a team during a whimsical activity



Exploring mathematics on the Rice campus through a scavenger hunt