



Fall 2025

TCU-Carnegie Math Pathways
Network Convening

September 19-21, 2025



CARNEGIE MATH
PATHWAYS
WestEd 



Welcome!

AGENDA

DAY 1		Friday, September 19, 2025
8 - 9 a.m.	Breakfast Gray's Bay	
9 - 9:30 a.m.	Mathematics in Community Wayzata Bay	
9:30 - 10:30 a.m.	Everyone Belongs: Centering Relationships and Culture Through CIRCL Wayzata Bay	
10:30 - 10:45 a.m.	BREAK	
10:45 a.m. - 12:15 p.m.	Considering the TCU Math Landscape Wayzata Bay	
12:15 - 1:15 p.m.	LUNCH Gray's Bay	
1:15 - 2:30 p.m.	Working Group Presentations and Demos Wayzata Bay	
2:30 - 3:15 p.m.	Walk and Talk Wayzata Bay	
3:15 - 4:15 p.m.	Keynote: Dr. Kori Czuy Wayzata Bay	
4:15 - 4:30 p.m.	Day 1 Closing Wayzata Bay	
4:30 - 5:30 p.m.	Personal Time	
5:30 - 6:45 p.m.	Network Reception Minnesota Room Speaker: Chief Dan King, RLNC President	
7:10 p.m.	Baseball Game Target Field	

DAY 2		Saturday, September 20, 2025
8 - 9 a.m.	Breakfast Gray's Bay	
9 - 10:15 a.m.	Creating a TCU Research Agenda - Exploring the math research of the TCU DRUM Circle Fellows Wayzata Bay	
10:15 - 10:30 a.m.	BREAK Gray's Bay/Wayzata Bay	
10:30 - 11:30 a.m.	A Collective Vision Forward: Ideas for Future Collaboration Around Math Education Wayzata Bay	
11:30 a.m. - 12:00 p.m.	Prepare for Departure to RLNC	

AGENDA

DAY 2 (CONTINUED)

Saturday, September 20, 2025

12 - 12:15 p.m.	Arrival at RLNC RLNC
12:30 - 1:30 p.m.	Welcome/Lunch RLNC
1:30 - 2:15 p.m.	RLNC Tour RLNC
2:15 - 2:30 p.m.	Medicine Baskets RLNC
2:30 - 3:45 p.m.	Student Panel RLNC
3:45 - 4:00 p.m.	Day 2 Closing RLNC
4:00 - 4:30 p.m.	Prepare for Departure to Hotel
6 - 8 p.m.	DINNER Owamni

DAY 3

Sunday, September 21, 2025

8 - 9 a.m.	Farewell Breakfast & Closing Prayer Wayzata Bay
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About the Sessions

Friday, September 19 , 2025

Mathematics in Community

9 - 9:30 a.m. | Wayzata Bay

Join us for a lively small group activity that will be a chance to unlock creativity, share laughs, and bond over the simple joy of doing math together—all while gearing up for an inspiring day ahead!

Everyone Belongs: Centering Relationships and Culture Through CIRCL

9:30 - 10:30 a.m. | Wayzata Bay

This session provides a chance to explore the CIRCL framework with a focus on building community through an indigenous lens. Hear from experts on culture and community building, learn how your peers have adapted CIRCL community building practices for TCUs, and reflect on and share your own experiences with community building to help enhance existing CIRCL supports.

Considering the TCU Math Landscape

10:45 a.m. - 12:15 p.m. | Wayzata Bay

There is a lot happening in math at TCUs, but much of it isn't visible or known across campuses or within the broader undergraduate math field. TCU DRUM Circles is working to change this. Participants will have an opportunity to learn about, reflect on, and react to the math landscape and current trends gathered through the TCU DRUM Circles work.

Working Group Presentations and Demos

1:15 - 2:30 p.m. | Wayzata Bay

Learn about the work of the video lesson and Desmos development groups this spring and summer. This session will highlight what was developed by each group, offer demonstrations, and share learnings and lessons from the experience.

Walk and Talk

2:30 - 3:15 p.m. | Wayzata Bay

Grab a snack and reenergize after lunch with a walk and talk or silent reflection with a colleague, or group, or even solo in this short community connection session.

Keynote: Land Ethics & OG Science for a Relational Math Future

Speaker: Dr. Kori Czuy

3:15 - 4:15 p.m. | Wayzata Bay

How can we create a future of mathematics and science education that is both relational and sustainable within a time where culture, language, land, and community are often seen as not having a place within these knowledges, methodologies, and pedagogies? Let's journey back in time to learn from the Land and Ancestors about the depth of scientific knowledge that helped our Ancestors survive and thrive; the OG Science.

Network Reception

Speaker: Chief Dan King, RLNC President

5:30 - 6:45 p.m. | Minnesota Room

Join us for heavy hors d'oeuvres and a welcome from RLNC President, Chief Dan King

Saturday, September 20 , 2025

Creating a TCU Research Agenda

Exploring the math research of the TCU DRUM Circle Fellows

9 - 10:15 a.m. | Wayzata Bay

With an eye toward building an audience for this work, the TCU DRUM Circle Fellows in attendance will share about their research projects and can engage the group in gaining feedback and input on their design and implementation.

A Collective Vision Forward: Ideas for Future Collaboration Around Math Education

10:30 - 11:30 a.m. | Wayzata Bay

Project Success launched a valuable partnership focused on supporting TCU educators in innovating their approach to math teaching and learning. Look ahead, there is an opportunity to build on and expand the reach and focus of this work. This session will be an opportunity to explore several ideas for future collaboration around math education at TCUs.

Red Lake Nation College Visit

1- 4 p.m. | Red Lake Nation College Campus

Sunday, September 21 , 2025

Farewell Breakfast and Closing Prayer

8 - 9 a.m. | Wayzata Bay

Keynote



Dr. Kori Czuy, ᑭᑦᑭᑦᑭᑦᑭᑦ

Manager, Indigenous Science Connections

Dr. Kori Czuy, ᑭᑦᑭᑦᑭᑦᑭᑦ, is Métis/Polish, born in Treaty 8 by the banks of the Peace River, with Ancestral ties to the Jobin Family of Big Prairie. She has been working in education for over 20 years and Indigenous Science/Mathematics pedagogy and methodologies for over a decade. Her PhD was in storying mathematics, embracing the depth of mathematics within the knowledge of the Land and Community.

She is currently the Manager of Indigenous Science at the Spark Science Centre in Calgary Alberta (Mohkinstsis), focusing on weaving together multiple ways of knowing, being, and doing science. Kori is also the Host and Producer of the Podcast “Ancestral Science,” teaches “Indigenous Science” at the University of Calgary, and is an Indigenous Science Pedagogy Consultant.

Kori is on an ongoing journey to reconnect with and learn from the knowings of the Land, Cosmos, and Spirit and their “origins” within science.

President's Welcome Remarks



Chief Dan King

President of Red Lake Nation College

Dan King is the President of the Red Lake Nation College. He is a Red Lake Tribal Member who is also one of seven Hereditary Chiefs of the Red Lake Nation. Dan is a sixth-generation, direct-line descendant and the great-great-great grandson of the legendary Red Lake Hereditary Head Chief, Medweganoonind.

He graduated from Harvard University's John F. Kennedy School of Government, where he earned a Master's Degree in Public Administration. He also has a BA degree in Business Administration from the University of St. Thomas and an M.B.A degree as well. Dan has committed most of his 35-year professional business career to working in economic development and casino management for Indian Tribes.

Dan is also the host of the college's Career Services podcast, "Inanokii."



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Thank you!



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