

Establishing & Maintaining a Math Teachers' Circle

Joint Mathematics Meeting, San Antonio
January 12, 2013

Fawn Nguyen

Blog: fawnnguyen.com

Twitter: [@fawnpnguyen](https://twitter.com/fawnpnguyen)

Email: fawnpnguyen@gmail.com

CERTIFICATE OF RECOGNITION

Presented to
for 1st Phuong Nguyen
place in the Senior Division

Oregon State
NORTHWEST REGIONAL FUTURE
PROBLEM SOLVING PROGRAM

March 1, 1981

Carol Cornwall
Carol Cornwall, Coordinator



NORTHWEST
AREA
FOUNDATION



FOCUS

October, 1979

Vol. V, No. 2

The Monthly Newsmagazine of Boise State University

Boise, Idaho October, 1979

Problem solving bowl comes to Boise State

About 120 students in grades 5-12 from four Northwestern states will converge on the Boise State University campus in spring, 1980, to compete in the first Northwest Region Problem Solving Bowl.

Sponsored by Boise State under a three year grant of \$28,000 from the Northwest Area Foundation, the bowl competition is designed to promote creative thinking from gifted students about future world problems.

It will be the culmination of nine months' of training for participating teachers of the gifted/talented in Idaho, Montana, Washington and Oregon, and their students.

Under the grant, teachers will learn the problem solving process and will then train their students in its methods.

Competing teams for the spring Future Problem Solving Bowl will be

chosen on the basis of the quality of their written solutions to problems tackled by

the first Northwest Region Problem Solving Bowl.

will be important—energy shortages—outer space and underwater colonization—the difficulties of aging.

"The creative problem solving pro-

It will be the culmination of nine months' of training for participating teachers of the gifted/talented in Idaho, Montana, Washington and Oregon, and their students.

ing their lives, and that 80 percent of the jobs they will hold are not in existence

yet," she says.

"Our schools are geared to deal with

the ob-
the
so that
these

future crises.

Youths participating in the bowl training will be given situations to study and then asked to "brainstorm" what prob-

then ob-
to
sic
w?

on,
eat
ry.
funds grants in rural and youth education, including programs for gifted and

talented students, as well as awards to research toward teaching performance, learning motivation, and higher education in arts and humanities, education, environment, medicine, and the social sciences.

Cornwall, certified to teach kindergarten through 12th grade, worked previously with gifted children in Royal City, Wash. She holds bachelor's degrees in education as well as in arts and sciences from Central Washington University, Ellensburg.

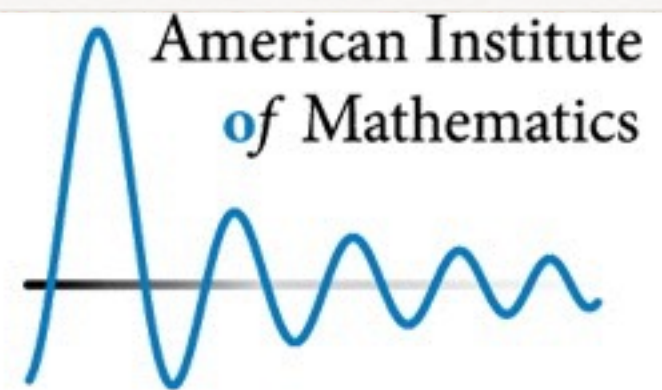
Director of the problem solving grant is Dr. John H. Jensen, chairman of the BSU Department of Teacher Education and Library Science.

The competitive problem solving approach was originally created by Dr. Paul Torrance, a national leader in education for the gifted and talented, at the University of Georgia, Athens.

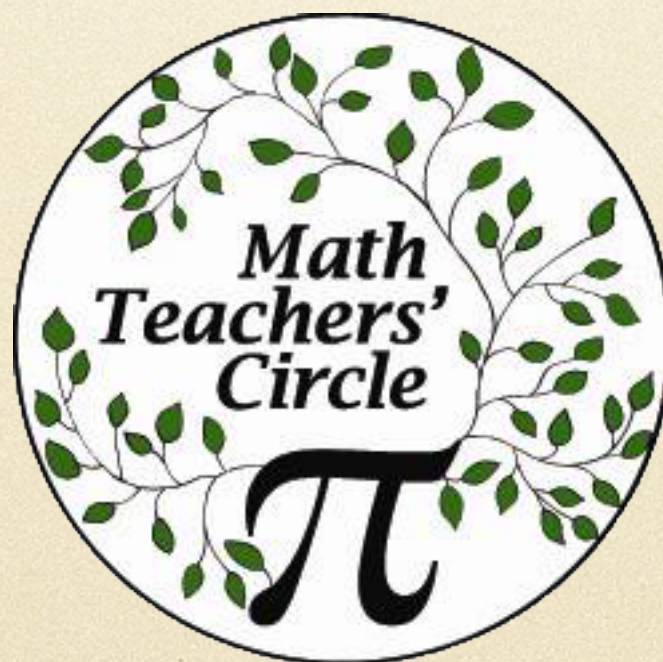
Joshua Zucker



Julia Robinson
Mathematics Festival



Math Teachers' Circle Network





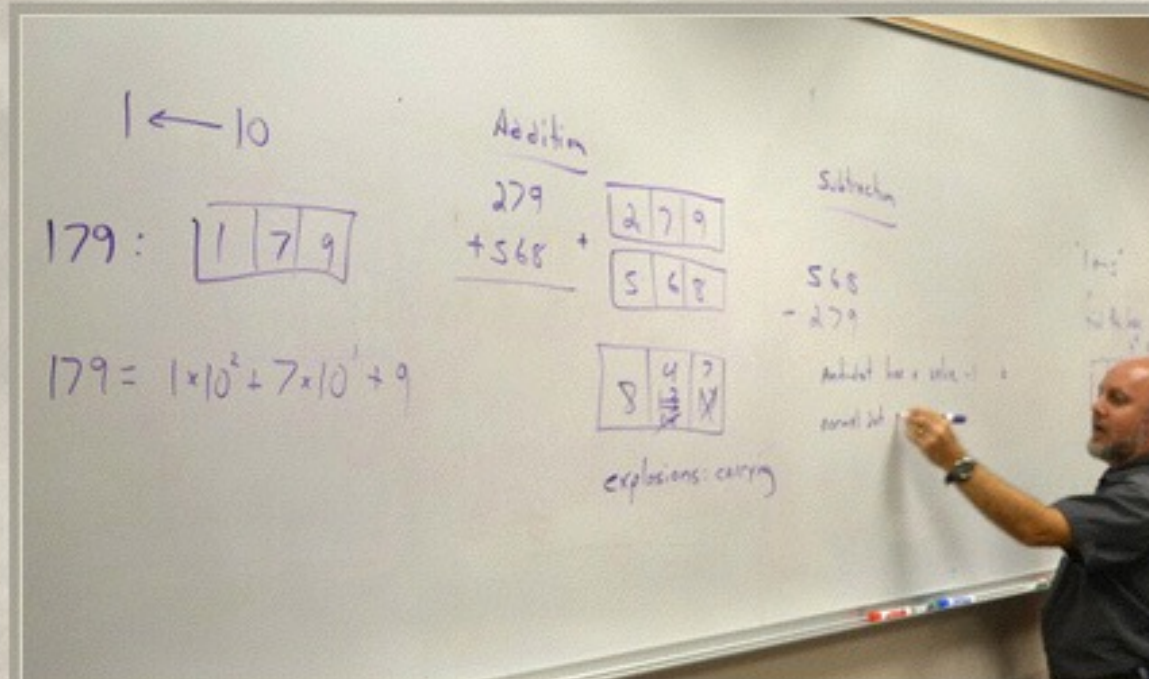


MTC — Thousand Oaks, CA

Math Teachers' Circle of Thousand Oaks

[HOME](#)[CALENDAR](#)[RESOURCES & GALLERY](#)[REGISTER](#)[ABOUT US](#)

The Math Teachers' Circle of Thousand Oaks is an informal monthly program that aims to engage teachers and mathematicians in working together on intriguing and stimulating problems. Through this collaborative process, we seek to provide teachers with an opportunity to enrich their knowledge and appreciation of mathematics. We feel that problem-solving abilities and critical thinking engender success in many fields, and that promoting these abilities in teachers will, in turn, foster them in their students.

[Register for Our Next Circle Meeting](#)

Our meetings are **FREE** to all math teachers in Ventura County. We meet at Cal Lutheran University - please see below for specific meeting room -- from 5:30 PM to 8:00 PM on Mondays. Dinner is provided at every meeting!

Cal Lutheran University
130 Memorial Pkwy
Thousand Oaks, CA 91360

www.mathteacherscircleto.org

Our Team

Originally,

CLU Professors

- **Nate**

- **Hala**

MS Teachers

- **Erin**

- **Melissa**

- **Fawn**

Now,

CLU Professors

- **Nate**

- **Hala**

- **Michael**

MS Teachers

- **Erin**

- **Fawn**

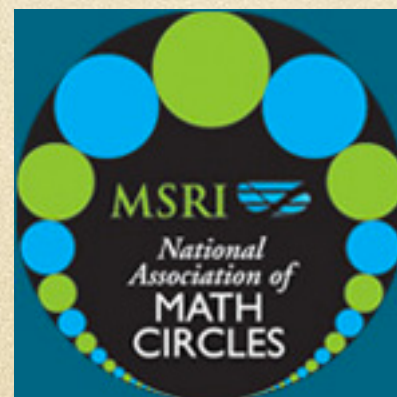
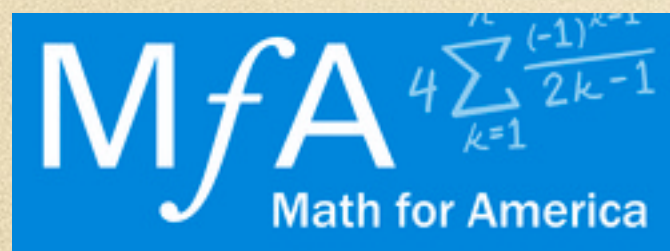
Three Key Structures

- 1. Planning**
- 2. Delivering**
- 3. Building Community**



1. Planning

- **Applying for grants**
- **Scheduling speakers**
- **Getting the word out**



2. Delivering

- **Fostering the 8 math practices**
- **Choosing tasks that are non-routine**
- **Reflecting on how the task turned out with students**



3. Building Community

- **Valuing participants**
- **Providing support and access to resources**

