



Opportunities for the Future

Fun, Family Event for Academically Advanced Students & their Families

Center for Talent Development's annual summer conference features stimulating workshops and presentations designed to help academically advanced students and their parents plan for the future.

Opportunities for All Ages:

- **Adults** enjoy a keynote address, "Tackling Obstacles So Students Reach to Achieve," by Emily Mofield, EdD as well as sessions led by experts in gifted education.
- **Students Grades 4 – 12** attend workshops that provide new perspectives on exciting areas of study and career opportunities led by professionals and instructors specializing in gifted education.
- **Students Age 4 – Grade 3** participate in engaging, hands-on learning activities led by Center for Talent Development's Summer Program staff.

Join Us!

Saturday, June 29, 2019
1 – 5 p.m.

Technological Institute
Northwestern University
Evanston, IL Campus

Contact CTD: 847/491-3782
www.ctd.northwestern.edu/family-conference

Opportunities for the Future • Saturday, June 29, 2019

Detailed session descriptions are available at www.ctd.northwestern.edu/family-conference.

PARENT SESSIONS

Session 1 • 1 p.m. – 2:45 p.m.	Session 2 • 3 p.m. – 4:45 p.m.
<p>KEYNOTE</p> <p>Tackling Obstacles So Students Reach to Achieve —Emily Mofield, EdD</p>	How Parents of Mathematically Gifted Students Can Nurture a Passion for Mathematics—Ed Zaccaro
	Gifted ≠ Perfect: Why Teaching Gifted Children the Skills of Imperfection Will Help Them Thrive—Jessica Rohlfing Pryor, PhD
	Tackling Obstacles So Students Reach to Achieve II —Emily Mofield, EdD

STUDENT SESSIONS Grades 9 – 12

Session 1 • 1 p.m. – 2:45 p.m.	Session 2 • 3 p.m. – 4:45 p.m.
Renewable Energy at Your Fingertips	Exploring the Universe with Supercomputers
The Mazzocchio in Perspective	From the Horse's Mouth: College Students Give you the Scoop on Campus Life
Mathematical Modeling in Conservation Ecology: Population Viability Analysis	NetLogo: Studying complex systems through developing computational models

Grades 7 – 8

Session 1 • 1 p.m. – 2:45 p.m.	Session 2 • 3 p.m. – 4:45 p.m.
Exploring Virtual Universes	Making a Functional Solar Cell from Scratch
Seeing Nano in Daily Life: From Sticky Post-It Notes to Never Wet Shoes	Powers of Ten: The Artist and the Architect, learning from Ray and Charles Eames
NetLogo: Understanding the World Around Us Through Developing Computational Models	Disease Spread, Predicting Epidemics and Finding Patient Zero

Grades 4 – 6

Full Afternoon Session • 1 p.m. – 4:45 p.m.
The Science in Magic
Cracking the Code: The Art and Science of Cryptography
Chemistry Magic: Fascinating Formulas and Explosive Reactions
Sole to Sole: A Breakdown of Shoe Design and Materials
The Poetry of Architectural Space
Brainy Behaviors

Age 4 – Grade 3

Hands-on architecture and construction activities, modeled on CTD's Summer Leapfrog-Spark Program. Parents attending the 1 p.m. keynote address may drop off children at the activity site at 12:30 p.m. after they have registered their families in the lobby of the Technological Institute.