

Northwestern University  
Center for Talent Development  
617 Dartmouth Place  
Evanston, IL 60208-4175

Nonprofit Organization  
U.S. Postage  
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Permit No. 205  
Evanston, IL 60201

**Don't Miss Out!**  
Annual Conference for  
Academically Advanced  
Students and their Families



## 2019 Opportunities for the Future

Fun, Family Event for Academically  
Advanced Students & their Families

**Saturday, June 29 • 1 p.m. – 5 p.m.**

Center for Talent Development  
Technological Institute  
Northwestern University Evanston, IL Campus

[www.ctd.northwestern.edu/family-conference](http://www.ctd.northwestern.edu/family-conference)  
847/491-3782

# 2019 Opportunities for the Future

## An inspirational afternoon of learning and exploration for academically advanced students and their families

**Join us** for stimulating workshops and presentations designed to help students and their parents plan for the future. Adults enjoy the keynote address and subsequent sessions led by experts in gifted education. Students in grades 4 through 12 attend workshops that provide new perspectives on current areas of study as well as future career opportunities. Children age 4 through grade 3 are invited to participate in fun, supervised learning activities.



## Keynote Address Tackling Obstacles So Students Reach to Achieve

Emily Mofield, EdD

How can we help students develop resilience to persevere in the face of setbacks? How can we ignite a drive that will inspire them to sustain effort even through difficulty? How do students' emotions, perfectionism, and beliefs about their abilities affect their achievement? In this session, Dr. Mofield will share findings of her own co-authored research regarding patterns of perfectionism, mindset, and achievement among high-ability learners. In this session, you will learn about positive achievement-motivation mechanisms and the environments that create it. Leave with ideas to help your child tackle challenges and setbacks that they might experience as they reach to achieve.



**Parents and students** can select one workshop in each time slot (see chart on next page). Workshops that span two or more time blocks are indicated. Parents may not attend student workshops. Students in grade 8 and below must have a parent or guardian in attendance at the conference. Supervised activities for children age 4 through grade 3 are continuous throughout the afternoon; no selection is required. Please note that children under age 4 are not permitted at the conference.

# Opportunities for the Future • Saturday, June 29, 2019

Detailed session descriptions are available at [www.ctd.northwestern.edu/family-conference](http://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 style="text-align: center;">KEYNOTE</p> <p style="text-align: center;">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 Rohlfling 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.

# 2019 Opportunities for the Future Family Event

Saturday, June 29 • 1 p.m. – 5 p.m.  
Northwestern University Campus  
Technological Institute  
2145 Sheridan Road  
Evanston, IL 60208

**Register online today at**  
[www.ctd.northwestern.edu/family-conference](http://www.ctd.northwestern.edu/family-conference)

## Fees

\$97.50 for one person  
\$127.50 for two people  
\$137.50 for three or more  
people  
\$50 for families with  
proven financial need  
(families eligible for or that  
receive free or reduced  
lunch qualify for a reduced  
\$50 conference fee)  
50% off registration for  
Northwestern employees  
with Wildcard



## Cancellation Policy

Full refund before May 15. \$50 refund May 15 – June 7.  
No refund after June 7.

## Questions?

E-mail [ctd-enrichment@northwestern.edu](mailto:ctd-enrichment@northwestern.edu)  
or call 847/491-3782.

## Explore Center for Talent Development Programs!

CTD is dedicated to helping academically advanced students, age 3 through grade 12, reach full potential. We provide research-based assessment, advanced programs, and resources to enhance a child's schooling. Our dynamic pathways lead students on a journey of intellectual, emotional, and social growth.

**Northwestern University's  
Midwest Academic Talent Search (NUMATS)**  
Research-based assessment identifies academic ability, measures growth, and connects students to resources and opportunities for advanced students.

## Online Programs

Individualized pace and one-on-one engagement with instructors and access to advanced subject matter. Enrichment, honors, and AP® courses.

## Summer Programs

Advanced academic adventures with life-changing impact. Residential and commuter offerings for students age 3 through grade 12 on Northwestern University's Evanston, IL campus and throughout the Chicago area. Enrichment, honors, and AP courses.

## Civic Education Project

Pathway to leadership and civic engagement, combining service-learning with academic study and reflection. Spring, summer, and custom school-year programs.

## Weekend Enrichment Programs

Advanced, unique courses range in duration from one weekend to eight consecutive Saturdays and/or Sundays. Parent-child sessions are now available on Saturdays and Sundays!