

Opportunities for the Future is a popular half-day conference hosted by Northwestern University's Center for Talent Development (CTD). Held each June, the conference is designed to provide gifted students and their families with a better understanding of giftedness and the variety of options available for nurturing academic talent.

Student sessions are tailored to specific age groups (age 4 through grade 3; grades 4 through 6; grades 7 & 8 and grades 9 through 12). They vary from structured fun and games for the youngest to math, liberal arts, engineering, and science workshops for older students. Depending on the child's age, stimulating options range from the study of the universe to an in-depth look at a number of landmark skyscrapers to career options for students fascinated by science. Specifics are on the chart on the reverse side.

Cancellation Policy: If families cancel their registrations in writing before May 1, they will receive a full refund; before June 1, they will receive a \$50 refund. After that date there will be no refunds.

Parents and educators learn from experts in gifted education about such subjects as the social and emotional development of gifted children, working effectively with schools and understanding and interpreting test results. Parents attend the keynote presentation for the first two sessions and then choose sessions of particular interest to them for the two time slots after the break. Details are below.
Note: Parents can sign up only for parent sessions.

Parents and students can interact with others who share their interests and concerns during the sessions and the snack break (from 3 p.m. to 3:30 p.m.).

Please note: Some student sessions will be held in Annenberg Hall, a short walk from the Technological Institute.

SESSIONS FOR PARENTS

The course letter and session(s) are in parentheses following the title. If the workshop lasts for more than one session, there will be more than one number, e.g., B/3-4. Please use these notations on the registration form. Please do not sign up for more than one session for one time slot (you can sign up for classes E/3 and F/4 but you cannot sign up for E/3 and G/3, for example, since they run concurrently). Also note that parents can sign up only for parent sessions.

Sessions 1 & 2
1 pm - 3 pm

Break
3 pm - 3:30 pm

Session 3
3:30 pm - 4:15 pm

Session 4
4:30 pm - 5:15 pm

OPENING SESSION (A/1-2)

Keynote speaker **Jim Delisle**, distinguished professor of education (retired), teacher of gifted children for more than 30 years, and the author of more than 250 articles and 15 books, helps parents understand the ups and downs of living with a student who is growing up gifted, from how to set balanced expectations and juggle the wide range of emotional intensities that often accompanies growing up gifted to advocating for your child.



THE INTENSITIES OF GIFTED CHILDREN (B/3-4) Above all other attributes, intensity is the trait that gifted children, teens and adults have in abundance. These intensities can relate to academics, where nothing below straight-As is acceptable; emotions, where extreme highs and lows leave no room for moderation; and in everyday life, where relationships are deeper, disappointment is stronger, and even simple questions have complex answers. In this session, these and other intensities will be addressed, as will ways that parents and other educators can learn to appreciate them for the assets that they are instead of the deficiencies that many make them out to be.

PARENTING THE GIFTED CHILD: BUILDING COOPERATIVE AND RESPECTFUL SIBLING AND PEER RELATIONSHIPS (C/3-4) Gain insight into why siblings fight. Specific tips are given to help lessen sibling rivalry and to strengthen your children's relationships. Strategies are offered for managing sibling conflict when it does arise. Learn to avoid common parenting traps that unknowingly create more conflict. Also, strategies are provided for parents that have a new baby and older sibling.

DEVELOPING TALENT & PASSION: THE STORY OF HOW TO TURN AN IDEA INTO A REALITY (D/3-4) Gifted students have creative ideas, great passion, and the desire to have an impact on the world. How do we harness these characteristics? What opportunities are available? Learn how one parent has supported her gifted children and hear from a team of students (many who are Center for Talent Development alumni) about their experiences with GreenShields, a project made possible through the Pepsi Refresh Project. The team presents their journey of taking an idea about making school buses more aerodynamic and turning it into reality. The team discusses methods to obtain significant funding (\$25,000!) through Internet voting campaigns and Youth Venture project support.

UNDERSTANDING SOCIAL/EMOTIONAL NEEDS OF GIFTED CHILDREN (E/3) It's not just about intellectual abilities. Gifted children often have a variety of social/emotional needs that must be understood and addressed at home and at school. Speaker will address some of those needs and how parents and educators can provide support.

RAPID ACCELERATION: IS IT GOOD FOR GIFTED STUDENTS? (F/3) Many parents often wonder if a viable solution to meet the needs of their gifted child is to look into rapid acceleration. This session will explore the pros and cons of such topics as double promotion (grade skipping), above grade level testing, fast math classes, and curriculum compacting.

ABOVE-GRADE-LEVEL TESTING (G/3) CTD's surprising and valuable gateway to resources, programs, recognition and community for your gifted child.

WORKING WITH YOUR SCHOOL/ELEMENTARY SCHOOL (E/4) Creating a win-win situation for the school and your gifted child is important. Learn strategies to help improve the school experience for your elementary school aged child.

WORKING WITH YOUR SCHOOL/MIDDLE SCHOOL (F/4) Creating a win-win situation for the school and your gifted child is important. Learn strategies to help improve the school experience for your middle school aged child.

WORKING WITH YOUR SCHOOL/HIGH SCHOOL (G/4) Creating a win-win situation for the school and your gifted child is important. Learn strategies to help improve the school experience for your high school aged child.



Center for Talent Development
DEVELOPMENT
School of Education & Social Policy

Technological Institute
Northwestern University
2145 Sheridan Road
Evanston, IL

NORTHWESTERN UNIVERSITY



Saturday, June 25, 2011
1 p.m. – 5:15 p.m.

A popular, annual conference of the Center for Talent Development designed specifically to help the families of gifted children make wise choices about paths to take and opportunities to seize

OPPORTUNITIES FOR THE FUTURE



Center for Talent Development
School of Education & Social Policy
Northwestern University
617 Dartmouth Place
Evanston, IL 60208-4175

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SESSIONS FOR STUDENTS

The workshop letter and session(s) are in parentheses following the title. If the workshop lasts for more than one session, there will be more than one number, e.g., K/1-2. Please use these notations on the registration form. Please sign up for only one session during one time slot (you can sign up for classes H/1 and I/2 but you cannot sign up for H/1 and I/1, for example, since they run concurrently). Also note that students can sign up only for student sessions.

Session 1
1 pm - 2 pm

Session 2
2:15 pm - 3 pm

Break
3 pm - 3:30 pm

Session 3
3:30 pm - 4:15 pm

Session 4
4:30 pm - 5:15 pm

WHAT'S THAT FIRST YEAR OF COLLEGE REALLY LIKE? (H/1)

FRESHMAN FINANCES (H/2)



SELECTING A COLLEGE (H/3)

STUDYING ABROAD (H/4)

MOLECULAR BIOLOGY CAREERS (I/1)

SCIENCE CAREERS (I/2)

MEDICAL CAREERS (I/3)

INTERNATIONAL BUSINESS CAREERS (I/4)

JOURNALISM CAREERS (J/1)

ENGINEERING CAREERS (J/2)

CAREERS IN LAW (J/3)

LIBERAL ARTS CAREERS (J/4)

WHAT'S THAT FIRST YEAR OF COLLEGE REALLY LIKE? (H/1) College students talk about what it was like that first year they spent on a college campus. Were they homesick? Did they like their roommates? Did they choose their courses wisely? What were their courses like? What was most surprising? Hear the answers to these questions – and many others.

FRESHMAN FINANCES (H/2) Your folks always gave you an allowance. When you craved something, they usually bought it for you. Now you have a budget, a credit card and an amazing number of temptations on your speed dial from pizza delivery services to the Cubs' box office. Presenter offers suggestions on money management – from what you need to discuss with your parents before you get on campus to what to do when your roommate urges you to join him/her for dinner out for the third Friday in a row.

SELECTING A COLLEGE (H/3) How do you get started? What should you be doing now? Should you look at local schools? A school strong in liberal arts? The speaker provides pointers on how to begin the search and how to refine the journey along the way.

STUDYING ABROAD (H/4) Have you dreamed about studying in another country? Practicing your Spanish in Barcelona? Living with a family in Bali? Hear students who have studied abroad describe what they learned and what it was like. Hear how they chose a country, what their courses were like, what "secrets" they learned which would be helpful for you to know, and more.

MOLECULAR BIOLOGY CAREERS (I/1) What do researchers in the Uhlenbeck Lab at Northwestern University do? What is the Hammerhead Ribozyme and why is it "proposed to be a useful gene therapy reagent?" In this session the presenter describes her work in the Uhlenbeck Lab at Northwestern University (as only specialists like she can), shares the path that led her to this career, and discusses opportunities available in the fields of biochemistry, molecular biology and cell biology.

SCIENCE CAREERS (I/2) Two scientists - both women. One works in tech transfer where she transfers cutting edge technologies and inventions from the lab to companies. The other researches how physical fitness can translate into brain fitness and guides scientists to alternative careers through career services. How did they end up where they are today? What did they want to be when they were young? Want to learn more? Come listen to their fascinating stories!

MEDICAL CAREERS (I/3) Are you fascinated by the inner workings of the human body? Do you want to make a difference in others' lives? The field of medicine has myriad career options. A physician talks about the options available within the field of medicine.

INTERNATIONAL BUSINESS CAREERS (I/4) Multinational, Globalization, and Global Marketplace are terms we hear more and more frequently, but what do they really mean for businesses today? Engaging in international business means understanding traditional approaches as well as politics, culture, and logistical challenges. Students explore the world of international business, including recent events, outlook for jobs, and possible career paths.

JOURNALISM CAREERS (J/1) Is journalism for you? Participate in a lively discussion with a professional journalist and hear her story. This ever-changing career never takes a straight course. Multi-media experiences combine myriad skills including writing, reporting, interview, editing, photography and design.

ENGINEERING CAREERS (J/2) Engineers design massive power plants and tiny nanotechnology, airplanes and living cells, everything in between and a whole lot more. Join this session to hear about engineering options.

CAREERS IN LAW (J/3) What is it really like to be a lawyer? Presenter discusses what it takes to get into law school (what you should be doing during and after college), the difference between litigation and corporate/"business" law, whether law is right for you, and what career options are available to you after law school.

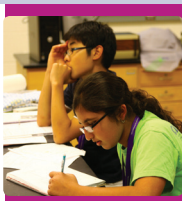
LIBERAL ARTS CAREERS (J/4) You're thinking of majoring in history. What could you do when you graduate? Teach? Conduct research? Write? Become a lawyer? Go into advertising? Find out why a liberal arts degree offers students countless professional opportunities.

BUILDING YOUR ACADEMIC/EXTRACURRICULAR PORTFOLIO (K/1-2)

ENGINEERING: MATERIALS SCIENCE (L/1-2)

BIOMECHANICS IN REHABILITATION (M/1-2)

ARCHITECTURE (N/1-2)



DEVELOPING TALENT & PASSION (D/3-4)

MATH: BEYOND THE BOOK (L/3-4)

THE UNIVERSE: PAST, PRESENT & FUTURE (M/3-4)

TECHNOLOGY & THE ARTS (N/3-4)

BUILDING YOUR ACADEMIC/EXTRACURRICULAR PORTFOLIO (K/1-2) If you love what you choose to do, you will excel and thrive. Select academic and co-curricular activities that challenge you and bring out your best. Speaker presents not only multiple options for activities that tap into your interest and abilities, but also ways you might take initiative and demonstrate leadership in areas you enjoy.

DEVELOPING TALENT & PASSION: THE STORY OF HOW TO TURN AN IDEA INTO A REALITY (D/3-4) Hear from a team of students (many who are Center for Talent Development alumni) about their experiences with GreenShields, a project made possible through the Pepsi Refresh Project. The team presents their journey of taking an idea about making school buses more aerodynamic and turning it into reality. The team discusses methods to obtain significant funding (\$25,000!) through Internet voting campaigns and Youth Venture project support.

ENGINEERING: MATERIALS SCIENCE (L/1-2) Under the watchful eye of an instructor, students design a hands-on project that turns scientific concepts into real-world applications.

MATH: BEYOND THE BOOK (L/3-4) Just because you finish one "standard course" doesn't mean that you should simply go on to the next one. In this workshop, the instructor shares ideas on how to go deeper and learn more difficult (and fun) math.

BIOMECHANICS IN REHABILITATION (M/1-2) Every day thousands of people are affected by strokes, spinal chord injuries, and losses of limbs. Life is difficult for both them and their caregivers. This session will show how math and science can be used to improve their lives.

THE UNIVERSE: PAST, PRESENT & FUTURE (M/3-4) How old and large is the universe? What is it made of? How can we tell? The speaker guides participants through a hands-on demonstration of astrophysical study to gain a deeper understanding of the universe's size and composition.

ARCHITECTURE (N/1-2) Chicago has one of the most active architecture groups in the nation, and no wonder: Its buildings are truly amazing; its skyline known throughout the world. Join a vice president from Murphy/Jahn as he shows you – and talks about – some great buildings the firm has designed and then helps you "build" a tall building yourself.

TECHNOLOGY & THE ARTS (N/3-4) Color and Light: Explore techniques used by digital artists to color artwork for film, animation, games and graphics. We will look at contemporary examples, learn the color theory behind the work, and practice the techniques in Adobe Photoshop.

MATH: PUZZLES & GAMES (O/1-4) Math is all around us, whether we're looking at puzzles, games or even art. In this class students explore different games and how they relate to math. Participants have the opportunity to look at and create their own art that uses manipulations of mathematical ideas.

MEDICAL: FOOD SAFETY & FOODBORNE ILLNESS/FROM THE FARM TO YOUR FOOD (P/1-4) How long do you need to wash your hands before they're really clean? Why does it matter if your refrigerator is at 46 rather than 41 degrees? What happens when someone gets salmonella? The answers are provided in this class for budding scientists interested in bugs that can live in food, on hands, and in mouths.

BUSINESS: HOW TO SELL STUFF & MAKE A PROFIT (Q/1-4) When you ask your parents to help you set up a lemonade stand, do you think about the cost of the lemons? The plastic cups? Paper napkins and sugar? This class helps students understand the real costs associated with operating a business, revealing what it takes to market a "must have."

ENGINEERING: HOW THINGS WORK (R/1-4) Do you walk around with a screwdriver? Do you like to take apart things and put them back together? Are you fascinated by how things work? How dimmers function and cells multiply and that a GPS can locate you almost anywhere on this earth? If so, sign up for this class.

LIBERAL ARTS: MY WORD! (S/1-4) Using words from Michael Clay Thompson's 100-word list, the instructor helps you use technology to showcase etymology as you create and print customized puzzles, word searches, criss crosses, podcasts, vocabulary writing prompts, and iMovies.

PHYSICS: BLAST OFF! (T/1-4) Students investigate forces and Newton's Three Laws of Motion as they build and test a variety of rockets – including stomp rockets and two-liter water bottle rockets. Under the eye of an expert instructor, students collect data and manipulate variables to experience the best flight! (In case of rain: participants will explore propulsion on a smaller scale using rocket alternatives inside the classroom.)

CHILDREN AGE 4 TO GRADE 3: Older children (grades 2 & 3) will have structured activities (U/1-4); younger children (age 4 - grade 1) will participate in fun and games. (V/1-4)

OPPORTUNITIES FOR THE FUTURE REGISTRATION FORM

June 25, 2011, 1 pm – 5:15 pm • Center for Talent Development (CTD) at Northwestern University

How to fill out this form: The session number is in parentheses following the workshop title (see reverse side for parent sessions and above for student sessions). If a class lasts for more than one session, there will be more than one number, e.g., K/1-2. Please use these notations on the registration form below. Please sign up for only one session for one time slot (you can sign up for workshop G/3 and G/4, for example, but you cannot sign up for E/3 and G/3 since they run concurrently). Also note that parents can sign up only for parent sessions. **Questions?** Call Jody Rosenbaum at 847/467-0615 or visit www.ctd.northwestern.edu/outreach.

	Name	Age	Session #
Adults			
Teens (grades 9 - 12)			
Teens (grades 7 & 8)			
Children (grades 4 - 6)			
Children (age 4 - grade 3)			

NOTE: No children under age 4 allowed.

Family Name: _____

Address: _____

City, State, ZIP: _____

Phone: _____ E-mail: _____

FEES

Family Admission Fee

\$130 General admission

\$120 per family for those whose children are enrolled in CTD's Summer Program 2011 or were enrolled in Gifted LearningLinks or Saturday Enrichment Program starting in Fall 2010

\$50 for families with proven financial need (Please call for criteria.)

EXCITE and/or BLAST Family (please circle which applies): Yes No

PAYMENT METHOD

Check made payable to Northwestern University (enclose with registration and mail to the address below)

Credit card (Visa, MasterCard, Diner's Club or Discover)

Account number: _____

Name on credit card: _____

Signature: _____ Expiration Date: ____/____/____

SEND REGISTRATION & PAYMENT TO:

Opportunities for the Future, Center for Talent Development

617 Dartmouth Place, Evanston, IL 60208

OR (only if paying with credit card) FAX registration to 847/467-4283

HOW DID YOU LEARN ABOUT THIS CONFERENCE? Summer Program brochure This brochure Previously attended CTD web site Other: _____