

EXPLORE YOUR OPPORTUNITIES – THE SKY’S THE LIMIT!
VIRTUAL CONFERENCE FOR 7TH AND 8TH GRADE GIRLS

REGISTRATION FORM

Saturday, April 17, 2021

PLEASE PRINT CLEARLY

Mail this registration form to:
Dr. Kit Voit, 11 Bretton Road, Scarsdale, NY 10583.
Registration confirmations will be provided by email.
Registration deadline is April 1, 2021.

Student Name _____
Last First

Mailing Address _____

City _____ State _____ Zip _____

Grade Level (Please check one): 7th Grade 8th Grade

Parent's E-Mail (required) _____ @ _____

Parent’s Telephone Number _____

School & School District _____

Pictures and video of conference attendees may be taken and may be used on our website or in publications. By registering for the conference, you have given us permission to use your/your child’s image and to be contacted for a follow-up study.

I grant permission for my child to participate in the Explore Your Opportunities – The Sky’s The Limit Virtual Conference

Parent/Guardian Name (please print) _____	Parent/Guardian Signature - REQUIRED _____
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STUDENT WORKSHOP CHOICES

Each student will be assigned one workshop. Write the names of your first four choices (see page 2).

_____ 1st _____ 2nd

_____ 3rd _____ 4th

If your choices are full, we will place you in other workshops. We think they are all terrific and you may discover some great careers you had not considered before.

STUDENT WORKSHOPS

1. Brain Games

Put on your thinking cap and learn to make a model brain cell while learning about all the mind-boggling things a brain can do from recognizing words and colors, to making memories, to controlling your movements.

Jenny Libien, MD, PhD, Chair, Department of Pathology, State University of New York Downstate Medical Center, Brooklyn, NY

2. Introduction to Creative Coding with PSIS

Students will get first-hand experience of just how much fun coding is! They will create a film poster using code.

Bolor Amgalan, MFA, MA, Adjunct Faculty at Parson School of Design.

3. Survive the Zombie Apocalypse

Learn to stop zombie disease from spreading.

Whitney Bagge, PhD, MPH, Disease Ecologist, Ecohealth Alliance

4. CAD Girls Club: Intro to 3D Modeling

The “CAD Girls Club: Intro to 3D Modeling” workshop will engage students in learning by tinkering. This hands-on workshop will give students a shortcut to learning 3D modeling without designing a complex project. They will be shown step-by-step how to create a 3D model using beginner level CAD software. Students will have the freedom to practice virtual thinking, geometry, and making objects come to life on the computer screen. Students will develop their own 3D model and have the basic skills to create more models in the future.

Brandi Kinard, MFA, Design & Technology

5. Let’s take a Cell-fie

Students will never look at the vegetable on their plate the same after this workshop. Vegetables and the plants they come from are composed of cells. These cells determine how the plant looks, feels, and tastes. In this workshop, we’ll ask what do the cells look like?

Adrienne Roeder, PhD Biology, University of California, San Diego

Kate Harline, PhD Candidate, School of Integrative Plant Science, Cornell University

6. The Ethics of AI through the Colors in Art

Artificial Intelligence through music and art with the goal of cultivating Racial Equity in the Field of AI. We will explore the field of AI from its basics and create neural art and music.

Anika Puri, Student Researcher, Horace Greeley High School, Founder of MoArt

7. Slide-ing into Cells

If you sign up for this workshop, we will send you a lab kit with one foldable microscope and several slides of model organisms to observe. During the workshop, students will learn how to draw scientifically. There will also be an optional pre-session for reviewing how to assemble microscopes.

Aliya Fisher, Nicolas Kim, Stephen Ogunbiyi: Student Coordinators for Sparking Teen Research Interest for Diversity and Equity in Science (STRIDES), Bronx High School of Science

8. Navigating COVID 19 in NYC

Students will use tableau to monitor and make their own predictions on Covid 19 data trends. Students will learn how to use data to better understand the impact of the pandemic across different socio-economic groups, age, and race.

Elise Kohl, MBA, New York University, Stern School of Business-Grant

Kushi Shah, MA, in Development Psychology, Director of Data Solutions, Innovative Management Solutions, NY