

(Science, Mathematics And Research Training)

<https://ultracold.uchicago.edu/SMART2026>

*“K12 High School Science Education Outreach”*

**July 16-21, 2026**

The four-day program will take place from 7/16 to 7/21, with a break day on 7/19. Field trips will depart from the University of Chicago campus and transportation will be provided. **Students will need to provide their own transportation to the University of Chicago.**

For questions please contact:

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or Dr. Cheng Chin <[cchin@uchicago.edu](mailto:cchin@uchicago.edu)>, (773) 702-7192

## Thursday, July 16 | Experiments and Lab Tours

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Arrival and Breakfast at 5720 S Ellis Ave,  
Kersten Physics Teaching Center (KPTC), Room 206

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Morning	3D Printing and Prototyping
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Afternoon	MERSEC Lab Tour Crater Formation Experiment
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## Friday, July 17 | Argonne Tour and Quantum Experiment

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Morning	Argonne National Lab Tour
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Afternoon	Introduction to Quantum Science
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## Saturday, July 18 | Astro day - Observatory Tour

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Afternoon

Visit Adler Planetarium

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Evening

Star Gazing at Dearborn Observatory

## Sunday, July 19 | Day Off, Enjoy Your Free Time!

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## Monday, July 20 | Material Science & Levitation Experiments

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Morning

Electron microscopy experiment

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Afternoon

Thermal and Acoustic Levitation Demo  
Engineering and Computational Surgery  
Liquid Nitrogen Experiment

## Tuesday, July 21 | Solar Car and BBQ

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Morning

Solar Car Building and Competition

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Afternoon

Quantum entanglement and key distribution  
BBQ Party (Parents are welcome!)