



# AICHE K-12 STEM Showcase

Sunday, November 5, 2023 | [aiche.org/k12](https://aiche.org/k12)

Hyatt Regency Orlando | 9801 International Dr | Orlando, FL

## AICHE K-12 STEM SHOWCASE PROGRAM

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**9:15 AM – 10:15 AM | Arrive & check in | Regency Ballrooms U and V Foyer**

Pick up wristband, Personal Protective Equipment (PPE), and souvenirs.

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**10:15 AM – 11:30 AM | Keynote | Regency Ballroom U**

Get excited about STEM and Chemical Engineering with help from:

- **J. Patrick Abulencia**, K-12 STEM Showcase Chair and Associate Professor of Chemical Engineering, Manhattan College
  - **Kate the Chemist**, Science Entertainer, and Professor at The University of Texas
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**11:30 AM – 12:30 PM | STEM Showcase | Regency Ballroom V**

Interact with exciting AIChE member-led STEM demonstrations, discussions, and experiments, covering a variety of STEM topics.

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**12:30 PM – 1:30 PM | Lunch & Learn | Regency Ballroom U**

Learn more about Chemical Engineering while you eat lunch with Chemical Engineering professionals and college students.

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**1:30 PM – 2:45 PM | Chem-E-Car® Competition | Windermere Ballrooms W, X, Y, Z**

Cheer on college students competing for the international title in the 25<sup>th</sup> Annual AIChE Chem-E-Car Competition.

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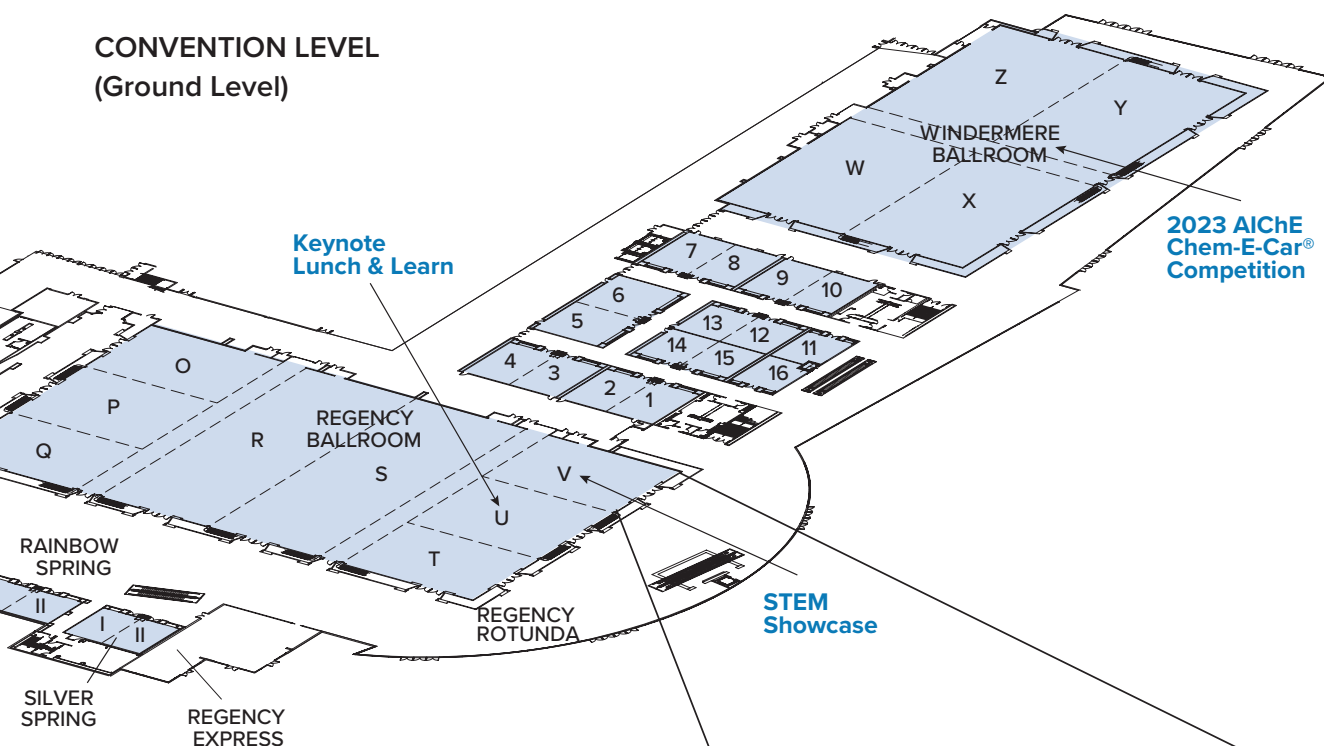
*Program subject to change.*

## ACKNOWLEDGMENTS

The AIChE K-12 STEM Showcase is made possible by the AIChE Foundation, AIChE K-12 Committee, AIChE Executive Student Committee (ESC), and many more AIChE members and volunteers. Thank you for your support!



## CONVENTION LEVEL (Ground Level)



### STEM Showcase, Regency Ballroom V

#### STEM Showcase Demos

Grade Level	ID	Name
K-2	A	Bernoulli's First Buoyancy
	B	Floating Ink Experiment
	C	Prehistoric Wonders
	D	Best Friends Forever Always Stay Together
	E	Chemistry? More Like Chem-is-me
3-5	F	Mission Dissolution
	G	Oil Eliminators
	H	Apple Cider Apothecary
	I	What Makes Candy Sour?
	J	Gel Beads!
6-8	K	Hydrovolt House
	L	DisSOLVE This!
	M	Illuminating Reactive Principles Behind Gel Nail Polish
	N	ChemE Land
	O	Colorful Colloids!
9-12	P	Chromathreads
	Q	Nautical Adventures in the Galapagos Islands
	R	Anodizing Titanium: Creating A Colorful Coating
	S	Make Your Own Resin
	T	Color-Changing CSTR

