



# Science Coach ACADEMY

*SPACE IS LIMITED!*  
*July 12-14, 2023*

## Incubating Ideas & Developing Knowledge for Advanced Student Research.

*Professional skills building for teachers of 6th-12th grade authentic research/innovation instruction.*

### Project Idea Generation

*(by Field Experts)*

- Astronomy
- Biological Sciences
- Engineering
- Medical Laboratory Sciences
- Psychology
- Using ChatGPT for Exploring and Refining Research Ideas

### Skills Development

*(Interactive Sessions)*

- Research Statistics - How To's and Statistical Tools
- Using Scientific Databases for Literature Review
- International Science & Engineering Fair (ISEF) Form Instruction
- Project Idea Refinement Strategies
- Publishing Student Research
- Advanced Innovation Methodology (AIM) Teacher and AIM Student Use in Canvas LMS
- Low-cost Mini PCR

**Don't miss out**  
on this opportunity to  
**discover** viable  
research topics  
and **enhance**  
your Coaching skills!

### *Optional Pre-conference Event:*

**Donald Danforth Plant Science Center** - *This day-long session will include information on authentic research opportunities for students. There will be hands-on activities to learn about relevant scientific processes and equipment. Information will be provided on free supplies and other benefits available to participants, as well as hear from some of the lead researchers at the Center.*

## SCIENCE COACH ACADEMY 2023

### DATES

#### Preconference:

Wed., July 12 • 9 AM – 3 PM

#### Main Conference:

Thurs. & Fri., July 13-14 • 8 AM – 3:30 PM

*Registration Deadline June 30, 2023*

### COST TO ATTEND

Pre-conference \$250  
Main Conference \$450  
Virtual Conference \$300

*(Housing & meals  
included in the  
conference costs.)*

### LOCATION

Jefferson College  
1000 Viking Drive  
Hillsboro, MO 63050

### VIRTUAL

Zoom feed for  
select sessions.

### HOUSING

Jefferson College's Viking Woods Apartments  
(Private bed & bath, included with conference fee.)

### THURSDAY EVENING

Dinner & entertainment at Villa Antonio Winery.



**TO REGISTER OR FOR  
MORE INFORMATION  
VISIT OUR WEBSITE.**

[ScienceCoach.org/academy](https://ScienceCoach.org/academy)

*Since 2007, the Science Coach (ScienceCoach.org) non-profit has been engaging 6th-12th grade students to experience completing a scientifically accurate research project that solves a problem important to them. We work through schools to intentionally upgrade research teachers' skills providing extensive professional development and a comprehensive support ecosystem that results in 89% of the students choosing STEM careers.*