



# SCUDEM VII 2022 MODELING CHALLENGE

Challenge Period 21 October – 13 November 2022

Registration – NOW through 21 October 2022

Complete details at [qubeshub.org/community/groups/scudem](http://qubeshub.org/community/groups/scudem)

## **SIMIODE Challenge Using Differential Equation Modeling**

Form a team and challenge yourselves in a friendly community to learn and show your skills in this unique competition for modeling with differential equations! SCUDEM is for teams of three high school or undergraduate students. Teams select one of three problems in (1) chemistry/life sciences, (2) humanities/social sciences, or (3) physics/engineering, build and defend a model, and prepare a ten-minute video for judging. Last year each team received, on average, 10+ judges' reports for great feedback. Outstanding team videos are posted at [youtube.com/SIMIODE](https://youtube.com/SIMIODE).

Registration is \$20US for each student team member. Present your own team of three or register individually to be assigned a team.

[www.simiode.org](http://www.simiode.org)  
**SIMIODE** A SYSTEMIC INITIATIVE FOR MODELING INVESTIGATIONS  
& OPPORTUNITIES WITH DIFFERENTIAL EQUATIONS

## Modeling First Differential Equations

Build modeling skills

Register as individual  
or three student team,  
coach, or judge.

Complete details and  
past results at

[qubeshub.org/community/groups/  
scudem](http://qubeshub.org/community/groups/scudem)

Please volunteer to  
judge or coach

Teams receive Outstanding,  
Meritorious, or Successful  
Certificates

## SIMIODE

Questions? Please contact:

[Director@simiode.org](mailto:Director@simiode.org)

Registration:  
NOW – 21 October 2022

Register now. Do not miss your  
chance to learn and grow.

