

FOR IMMEDIATE RELEASE

SCUDEM – Math Modeling Competition

Cornwall NY USA, 1 January 2018

SIMIODE announces a new program for high school and undergraduate students: Student Competition Using Differential Equation Modeling—SCUDEM. This competition is for three member teams of students. SCUDEM takes place over a week-long period that begins on Friday, 13 April 2018, at each team's individual home campus and culminates on Competition Saturday, 21 April 2018, at a nearby regional host site in the United States and beyond. For complete details visit www.simiode.org/scudem. We are seeking host sites and if you at your institution are interested see details at the same site.

Teams will work at their home institution, developing approaches and solutions to one of three posed modeling scenarios. They will prepare an Executive Summary and a 10 minute Presentation. Scenarios are designed so that every team may experience success in modeling, enhance their model building skills, and increase their confidence in modeling with differential equations.

On Competition Saturday, teams will travel with their faculty coach to a nearby host site. In the morning teams will work on a small addition to their modeling scenario for inclusion in their final submissions. Faculty will participate in faculty development to help them use modeling in their coursework.

At noon, teams will turn in a final version of their Executive Summary which will be judged by coaches present. In the afternoon, each team will present their 10 minute Presentation, scored by an audience of coaches, faculty, and participating students. After lunch there will be a MathBowl for students. The competition culminates in an awards ceremony closing the day by 4:30 PM to allow time for travel.

There is a modest registration fee for team participation and faculty development workshop for faculty coach. Additional faculty may join workshop and judging activities at no cost. Registration will open on 1 February 2018, but schools should be planning their coaches and teams now.

SIMIODE – Systemic Initiative for Modeling investigations and Opportunities with Differential Equations is a 501(c)3 Nonprofit organization. All can join SIMIODE free at www.simiode.org. If your school is interested in becoming a local SCUDEM 2018 site please contact the Director.

Contact Information: Dr. Brian Winkel, Director SIMIODE, Director@simiode.org, 26 Broadway, Cornwall NY 12518 USA, +1 845-534-4887.