

Summer Workshop – The Vaccine Equation: Immunity, Innovation, and Human Behavior



Registration Deadline: Friday, June 26, 2026

Program Dates: Monday, July 27 – Thursday, July 30, 2026 (4 days)

Program Schedule:

Daily schedule: 9am – 3pm with 30 minutes lunch break.

STEM-integrated talks & hands-on activities on vaccines literacy & computer modeling

- Start a partnership with SBU science faculty
- Develop exciting hands-on activities
- Gain a deeper understanding on vaccines
- Earn a CTLE certificate (up to 22 hours—provided through CA BOCES)

Register via [CA BOCES](#).
Non-CA BOCES schools, please contact
[Laurie Sledge@caboces.org](mailto:Laurie.Sledge@caboces.org)

For program details, please contact:

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Supported by

WNY STEM
Southern Tier
Satellite Center



Program Description (www.sbu.edu/teacherworkshop)

St. Bonaventure University invites K-12 teachers to the 11th annual lab development workshop on July 27 – 30, 2026. This year's topic is

The Vaccine Equation: Immunity, Innovation, and Human Behavior

Instructor(s): SBU faculty and CABOCES facilitator.

The objectives of this workshop are:

- (1) Teachers will learn different types of vaccines, the ingredients in vaccines, how vaccines are made and evaluated.
- (2) Teachers will learn how nanotechnologies contribute to the efficiency of vaccine delivery systems.
- (3) Teachers will learn the mathematics behind the herd immunity.
- (4) Teachers will learn how scientists use AI and big data in vaccine design.
- (4) Teachers will learn the psychology behind how people think about and respond to vaccination.
- (5) Teachers will discuss and plan for classroom implementation.

Space is limited. Please register early!

CTLE Credits: CA BOCES will provide up to 22 hours of NYS Continuing Teacher/Leader education (CTLE) credits.