

## Application Form

### Applicant Information:

Name: \_\_\_\_\_

Male \_\_\_\_\_ Female \_\_\_\_\_ Age \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

### School Information:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip \_\_\_\_\_

District: \_\_\_\_\_

Current Year in School(circle) 9 10 11 12

Parent/Guardian Signature \_\_\_\_\_

Please include:

- A personal statement describing your interest in the Biotechnology Summer Academy (less than one page)
- High school transcripts for grades nine through the most recent term completed

Please send all applications and inquiries to:

Dr. Aaron Thomas, Program Director  
Utah State University  
Center for Integrated BioSystems  
4700 Old Main Hill  
Logan, UT 84322-4700  
Phone: (435) 797-2753  
Fax: (435) 797-2766  
Email: karen.fluckiger@usu.edu



For more information:

[www.biosystems.usu.edu/education](http://www.biosystems.usu.edu/education)

Utah Agricultural Experiment Station  
UtahStateUniversity



Center for Integrated Biosystems

4700 Old Main Hill Logan, Utah 84322 – 4700

NON PROFIT  
ORG  
U.S. POSTAGE  
PAID  
UTAH STATE

This summer, discover  
that the **answers** to  
some of the really big  
**questions** in science  
will come from  
**biotechnology**



**2022**  
Biotechnology  
Summer Academy  
June 27-July 1, 2022  
for high school  
students



Utah Agricultural Experiment Station  
UtahStateUniversity.

Center for Integrated Biosystems



How can we analyze the water on Mars for life?

Which biofuel will we all be using someday?

Can we design personal cures and disease prevention for each individual?

What lives in the Great Salt Lake?

How do we apply nutrient-gene interaction research to promote better health?

When will we increase the food supply with cloned meat?



These are some of the exciting questions being asked in the biotechnology world. At the Center for Integrated BioSystems at Utah State

University, amazing research and collaborations are happening in the fields of biology, genomics, bioinformatics, engineering, nutrition science, agriculture, and computer science to address these questions and much, much more.

The opportunities, challenges, and adventures in biotechnology are limitless. If you are a high school freshman, sophomore, junior or senior during the 2021-2022 school year and are thinking of a career in science, the CIB Biotechnology Summer Academy is just what you need.

The 22nd Annual Biotechnology Summer Academy for High School Students is a 5-day interactive workshop for students to become immersed in

on-going biotechnology projects at Utah State University. USU faculty members interact directly with the students, providing opportunities to practice lab techniques and work on real research projects with world-renowned



Students gain hands-on experience

scientists in a casual and relaxed setting. Students conduct hands-on experiments that impact actual scientific projects at USU. Housing and meals for the 5-day program are provided in USU residence halls with counselors. Evenings are filled with fun group activities.

Students are selected based on their GPA, their interest in science, and their grade level.

Dr. Aaron Thomas oversees the program. His years of experience provide an ideal setting for student learning and fun.



Peering into the vast future of biotechnology

### For more information:

Call: 435-797-2753

Email: [cibtraining@usu.edu](mailto:cibtraining@usu.edu)

Visit our website:

[www.biosystems.usu.edu/education](http://www.biosystems.usu.edu/education)

Utah State University is an affirmative action/equal opportunity institution and is committed to a learning and working environment free from discrimination. For USU's non-discrimination notice, see [equity.usu.edu/non-discrimination](http://equity.usu.edu/non-discrimination).

### Location:

The Biotechnology Summer Academy is held on the campus of Utah State University in Logan, Utah.

### Program Cost:

- Registration is \$200.
- Housing, meals and materials are provided.
- Travel to and from the University is each student's responsibility.

### Deadline:

Applications are due by May 20, 2022. Space is limited so apply early.

### Workshop Date:

June 27th through July 1st, 2022

