

DAYTON M.A.D.E.

DAYTON (BIO)MANUFACTURING AWARENESS AND DISCOVERY EXPERIENCE

Are you a local high school student passionate, interested, or just curious about biotechnology and biomanufacturing? Do you identify as someone from a disadvantaged background or underserved community?

Learn more about an amazing opportunity, and fill out the application below!

Application deadline: March 25th 2024 by 5pm.

Each camp is limited to 12 participants. Participants may only attend one camp. Students who have participated in the Explorers camp are welcome and encouraged to apply for the Trailblazers camp.

Questions? Please email the DaytonMADE team at DaytonMADE@eclipse technologies.com.

Biotechnology is a diverse field that includes tools and techniques that let us use biology to solve problems and make useful products.

Biomanufacturing uses biological components or living organisms such as bacteria, yeast, and algae to make new products or replacements for current products that are more sustainable and environmentally friendly than current processes.

REGISTRATION: FREE

THERE IS NO COST TO ATTEND THIS PROGRAM.

LUNCH, LAB SUPPLIES, AND CAMP T-SHIRTS WILL BE PROVIDED!

*Students are expected to attend all ten days of camp, for the full day from 9am to 4pm.

A student stipend of \$250 will be provided at the completion of the camp based on attendance and participation.

APPLY TO ONE OF TWO CAMPS!

Biomanufacturing Explorers:

June 3-14th (Mon through Fri, 9a-4p)

Rising 10th, 11th, or 12th graders with little to no prior exposure to biotechnology or biomanufacturing. Students curious about biotechnology are encouraged to participate.

Biomanufacturing Trailblazers:

July 8-19th (Mon through Fri, 9a-4p)

Rising 11th or 12th graders with some experience with biotechnology or advanced biology preferred. Students passionate or interested in learning more about biotechnology and biomanufacturing opportunities are encouraged to participate.

***Students may only attend one camp. Students who have participated in the Explorers camp are welcome and encouraged to apply for the Trailblazers camp.**

Both camps require that the applicant has taken and passed high school level biology.

Camps will take place on the Wright State University campus. Transportation will be available from central pick-up locations for those who need it. Parking passes will be available for students who can drive themselves.

Family and friends are invited and encouraged to attend student demonstrations on the final day of the program!

DURING CAMP, YOU WILL:

- Experience hands-on lab activities including various biotechnology techniques
- Learn about local education opportunities in the field
- Meet scientists and other professionals in the field
- Explore potential careers in the field
- Visit Primient, a local biomanufacturing facility
- Glimpse college life through interactions with college students and presence on a college campus
- Practice skills required for student success in school and career

Students may obtain up to 80 hours of work-based learning.

Dayton M.A.D.E. Camp Application

Applications due by March 25, 2024

Apply online at www.ues.com/daytonmade or email completed forms to
DaytonMADE@eqlipsetechnologies.com

Personal Information

First and Last Name _____

Preferred Name _____

Date of birth (mm/dd/yyyy) _____

Email _____

Phone Number (###-###-####) _____

Preferred method of contact? Text Email

Parent/Guardian First and Last Name _____

Parent/Guardian Phone Number _____

Parent/Guardian Email _____

Is the applicant's emergency contact the same at the parent/guardian information above?

Yes No

If no, please list Emergency Contact information:

First and last name _____

Phone number _____

Email _____

What school did you attend in the 2023-2024 school year? _____

What grade level will you be entering Fall 2024? _____

What high school level science courses have you taken?

What experience do you have with biotechnology and related lab skills?

Please check this box to confirm that you have passed a high school level biology class or will do so by the end of the current school year.

Camp Details

What camp are you applying to?

- Biomanufacturing Explorers: June 3-14th
- Biomanufacturing Trailblazers: July 8-19th

Have you taken part in a DaytonMADE camp previously?

- Yes
- No

Can you attend the full program? If you're not able to, please email DaytonMADE@eqlipsetechnologies.com to explain your situation.

- Yes
- No

Can you bring a mobile device with internet connection for the duration of the camp? This is for planning purposes only and not required to participate.

- Yes
- No

List the name and email for a current or former science teacher who we can contact as a reference your participation in the camp.

Why would you like to participate in this program? How would it benefit you personally, academically, etc? (250 words)

Additional information

UES is committed to nondiscrimination and to providing access and reasonable accommodation for individuals with disabilities or special requirements. If you need special accommodations, please contact DaytonMADE@eqlipsetechnologies.com to discuss your requirements and we will do our best to help.

Do you identify as someone from a disadvantaged background?

Disadvantaged background is defined as someone who experiences two of the following:

- Homelessness - now or previously
- In foster care system
- Eligible for free or reduced lunch for 2 or more years
- No parents have college degrees
- Now or previously, received support from the Federal Special Supplemental Program for WIC

- Yes
- No
- I'm Not Sure
- Prefer Not to Answer

Do you identify as one or more of the following?

- Black or African American
- Hispanic or LatinX
- American Indian or Alaska Native
- Asian
- Native Hawaiian or Pacific Islander
- White
- Prefer not to answer

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Parent/Guardian Permission and Program Expectations

I, _____ (name of parent/guardian) give my permission for _____ (student's name) to participate in the Dayton M.A.D.E. program.

I have read the following information relating to this program, and am in agreement with the expectations:

1. Testing and assessment techniques will occur throughout the program to help in providing the best educational program for my child and to evaluate the program itself.
2. All records will be maintained with strictest confidentiality. Those records will be made accessible only to those members of the program staff who are entitled to see and use them for administration of the program. Any demographic information shared with funding organizations or the public to highlight camp results will be anonymized.
3. Pictures, videos and samples of students' work, etc. may be used by the program personnel to show the value of this program to the public.
4. Parents give permission for student(s) to participate in all regularly planned activities and field trips.
5. Parents understand that attendance is important and those students in regular attendance will receive the greatest benefit from the program. Students may be requested to withdraw from the program or forfeit the stipend due to a lack of attendance or participation.
6. Students are expected to show respect towards all adults, their peers, and themselves at all times.

I _____ (name of parent/guardian) also hereby release UES, Eqlipse Technologies, BioMADE, Wright State University, Primient, and camp staff from any and all actions, claims, and demands by reason of any damage, loss, or injury (including death) which may be sustained to my child or child under my guardianship with respect to the child's participation in or contact with any known element associated with participation in the Dayton M.A.D.E. program.

Parent or Guardian Signature _____ Date _____

I, _____ (student's name) have read the above information and am in agreement with program expectations.

Student Signature _____ Date _____

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Photo Release Form

I give permission for the participant listed below to be recorded, photographed and/or videotaped by or for UES, Eqlipse Technologies, BioMADE, or their representatives. UES, Eqlipse Technologies, or BioMADE may distribute the materials on social media, organization websites, and in various marketing materials.

I also understand that this permission to use the image, voice and/or likeness of the participant is not limited in time and that I will not receive compensation for granting this permission.

I acknowledge that UES, Eqlipse Technologies, and BioMADE have no obligation to use the names, images, voices and/or likeness of the participant in any materials, but if they so decide to use them, I waive any monetary right and the right to inspect or approve any such use.

Participant Name _____

Parent or Guardian Name _____

Parent or Guardian Signature _____

Date_____

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Medical Form

Participant Name: _____

Lunch will be provided from a range of local restaurants. Does your child have any dietary restrictions?

- None
- Gluten free
- Vegetarian
- Vegan
- Kosher
- Halal
- Dairy free
- Food allergy (list below)
- Other: _____

Please list any allergies (food, medication, etc): _____

Be aware that students will be working with antibiotics including ampicillin

The field trip to Primient will include high temperatures, loud sounds, and strong smells at times. Appropriate personal protective equipment will be provided to include hard hats, reflective vests, and hearing protection. On the day of the field trip, students **MUST** wear pants and closed foot shoes for safety.

Please let us know of any accommodations we can make to ensure your student has a successful Dayton M.A.D.E. experience:
