

**Ohio State
University
earns gold
for second
year in a row
at the iGEM
competition**

Follow us on instagram
for updates on
recruitment for the 2022
team!



@IGEM.OSU

Become a Member of the International Genetically Engineered Machine Team!

Interested in being a member of an international genetically engineered machine (iGEM) team? This is a student led **multidisciplinary** project team where undergraduates design a synthetic biology solution to address a real world solution. This project is then presented in person at the iGEM Headquarters in **Paris, France!**

Do you have experience or interest in:

- Synthetic biology/genetic engineering
- Computer science and mathematical modeling
- Entrepreneurship and business
- Graphic design and visual communication
- Education and outreach
- Organization
- Leadership and administration

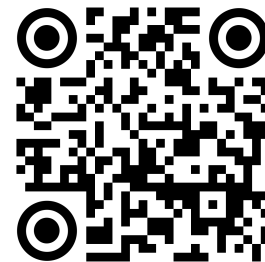
Join our info sessions!

- 1/11 @ 6 PM: <https://go.osu.edu/igemzoom>
- 1/18 @ 6 PM in room 219 Ag Engineering Building and on [zoom](#)

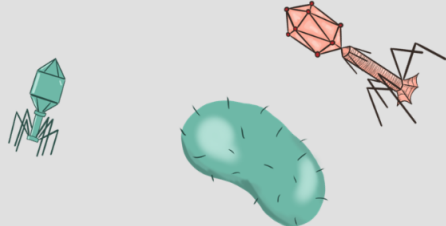
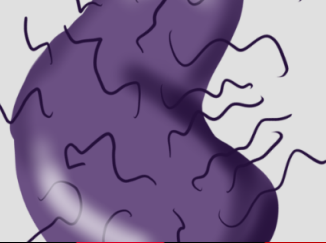
For more information follow these links or email us at igem.osu@gmail.com.
First deadline is **January 16th** with rolling admissions until February 1st!



<https://go.osu.edu/igeminformation>



<https://go.osu.edu/igemapplication22>



Ohio State University earns gold for second year in a row at the iGEM competition



For the 2021 competition, Team OhioState chose to **engineer a phage therapy to combat sepsis**. Sepsis is a global issue due to the overreaction to an infection. The project focused on cleaning up the endotoxins left behind from a bacterial infection that often goes untreated. The phage would carry the needed genetic code that would output endotoxin neutralizing proteins so the immune system can no longer detect and overreact to them. Learn more about the project by viewing the [wiki site](#), and [presentation](#) linked below!



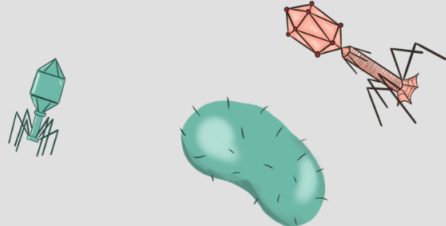
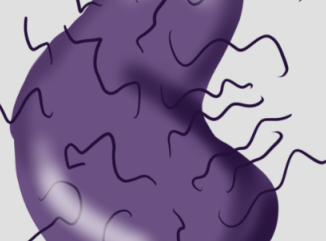
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The International Genetically Engineered Machine (iGEM) Foundation is an independent, non-profit organization dedicated to the advancement of synthetic biology, education and competition, and the development of an open community and collaboration. Several hundred teams from around the world fly to the annual Giant Jamboree to present their research and compete for prizes. The 2022 Competition is expected to be held at the new iGEM Headquarters in **Paris, France!**

To prepare for the competition, the team spends spring semester learning about synthetic biology techniques and then summer and fall working on their project deliverables. While the focus of iGEM is to design and implement synthetic biology techniques and ideas to solve problems within our communities, other deliverables include discussing how the project affects community stakeholders and creating educational content on synthetic biology. iGEM is truly a **multi-disciplinary team effort!**



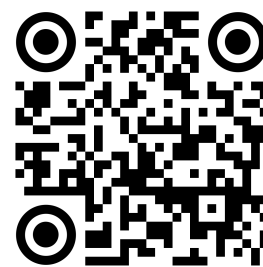
We are specifically looking to add individuals with experience or interest in the following roles:

- In general
 - Passion on designing a student led team
 - Ability to take initiative on creating materials that enhance our project
 - Available to work full time in the summer
- Graphic Designer
 - Develop and design professional graphics to communicate our project to a broad range of audiences
 - Being able to understand and take ideas discussed in meetings and turn into a design
 - Coming up with a design that you think would help communicate idea
- Website Designer
 - Create a navigable and captivating website that summarizes our project
 - Willingness to go above and beyond to enhance project
 - Interest in learning html, css...experience is preferred
- Business Developer
 - Regulatory research and knowledge
 - Business Plan
 - Engage with stakeholders like end users, manufacturers, government agencies
- Computational Biologist
 - Interest in creating mathematical models that relate to the project
- Science Technician
 - Plan and perform experiments related to project
 - Engage with researchers to enhance project
- Community Engagement Coordinator
 - Engage with community on synthetic biology or project specific topics
 - Analyze and research how project will impact community
- Communications Manager
 - Manage email and social media connections
- Social Media Coordinator
 - Create posts that promote our team and project

Ohio State's iGEM team is looking for new members to join us for our fourth iGEM season!

This is a great opportunity to learn about synthetic biology and be involved on the frontline of innovation in biotechnology and synthetic biology. This year, we hope to recruit a diverse group of undergraduate students to be on the 2022 team.

All majors are welcome to apply!



<https://go.osu.edu/igemapplication22>

If you are a student that has any questions or a faculty member that would like to help, please contact us by email at igem.osu@gmail.com or on instagram (@igem.osu). We will be forming the 2022 team in January.