

USA
BIOlympiad

2023

National
Finals



MARYMOUNT
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Center for Excellence in Education

2023 USABO FINALIST BIOS



Aryan Bora | William P. Clements High School | Sugar Land, TX

Aryan is a junior at William P. Clements High School. He is fascinated by STEM, especially math, biology, and computer science. He is a USA Junior Mathematical Olympiad (USAJMO) winner, United States of America Computing Olympiad (USACO) Platinum Division competitor, U.S. National Chemistry Olympiad (USNCO) Honors awardee, United States Physics Olympiad (USAPhO) Bronze Medal recipient, and is currently conducting research in math at MIT PRIMES-USA. Aryan enjoys competing with his school team in the Science Bowl and Science Olympiad as well. Aryan is passionate about music – he is a two-time All-State Violinist and takes immense pride in performing as a piano soloist for senior homes. In his free time, he loves watching movies, playing tennis with friends, hiking national park trails, and wolfing down anything unhealthy.



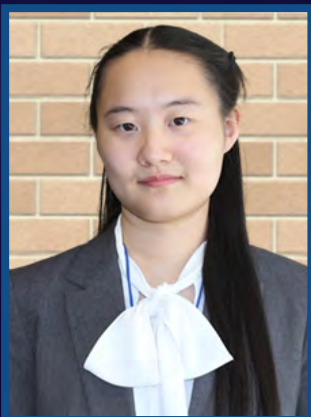
Jerry Cao-Xue | William G. Enloe High School | Raleigh, NC

Jerry Cao-Xue is a freshman attending William G. Enloe High School. Biology is his ultimate passion. Concepts in biology have fascinated and motivated him to learn all that he can about this captivating field. He is particularly interested in the intricacies of the human body, and enjoys reading *Vander's*. He aims to one day use his knowledge to make a difference in other people's lives. He has participated in numerous life science competitions, including earning a Gold Medal at the 2023 Arnold O. Beckman High School Biology Battle. He is also an American Invitational Mathematics Examination (AIME) qualifier. In his free time, he plays and studies chess, having won the Scholastic State Chess Championship 3 times. You can also spot him playing tennis for his school's varsity team, or playing the clarinet in the front row of the NC All-State Honors Band.



Ian Chang | Cranbrook Kingswood Upper School | Bloomfield Hills, MI

Ian Chang is a senior at Cranbrook Kingswood Upper School. In his free time, he enjoys listening to music, including the South Korean vocalists *TWICE* and the vocalist *Keshi*. An avid weaver, he can often be found in his school's weaving studio between classes. He also loves to take walks around campus and take silly selfies with his friends. In particular, he likes to dance the night away and look at the sky, be it the moonlight or sunrise. Ian may be no scientist, but likes studying biology, especially biochemistry. He likes to spend his time learning on Wikipedia and reading the *Proceedings of the National Academy of Sciences* (PNAS).



Sophia Chen | Sage Hill School | Newport Coast, CA

Sophia's interest in biology grew from a curiosity about the natural world to uncover the mysteries of human disease. As a two-time USABO finalist, U.S. National Chemistry Olympiad (USNCO) High Honors awardee, and United States Physics Olympiad (USAPhO) semifinalist, Sophia also delves into math—she is a Math Prize for Girls (MPfG) award winner, two-time USA Junior Mathematical Olympiad (USAJMO) qualifier, and six-time American Invitational Mathematics Examination (AIME) qualifier. She is also a Caroline D. Bradley Scholar, a Carson Scholar, and a Garcia Research Scholar. Hoping to give back to her community, Sophia organizes math tournaments and STEM activities as the founder of AGMOT, co-president of Orange County Math Circle, and co-president of STEAM for All. In her free time, Sophia enjoys golfing, drawing, and exploring new music.



Yufei Chen | University High School | Irvine CA

Yufei Chen is a sophomore attending University High School in Irvine, California. His interest in biology stems from his studies in biochemistry and computational biology. He pursues all fields of STEM, being first alternate for the International Chemistry Olympiad (IChO) USA team, qualifying for USA Junior Mathematical Olympiad (USAJMO), and obtaining a gold medal in International Earth Science (IESO), a silver medal in United States Physics Olympiad (USAPhO), and a bronze medal in the National Astronomy Competition (NAC). In addition to participating in a multitude of Olympiads, he was a team member of the second-place high school team of 2023 National Science Bowl (NSB), and is on his school's Science Olympiad team. In his free time, he plays Starcraft 2 and other games with his friends and enjoys visiting National Parks.



Allen Fei | PrepEdu Consulting LLC | Lexington, MA

Allen Fei is a freshman attending Lexington High School. His admiration for various parts of biology stems from his fondness for the variety of animals found in nature and his fascination with the interactions among the different systems that allow for a complex life. AstronomyAllen has explored his interests by participating in his school's Science Bowl team. He can be found pursuing different topics related to biology or unrelated to biology as well as conversing with others about nuances surrounding philosophical ideas. His general lack of experience makes him excited to participate in new activities relating to STEM.



Damon Gurvich | PrepEdu Consulting LLC | Lexington, MA

Damon Gurvich is a Sophomore attending Lexington High School. His interest in all science in general, and biology, arises from a desire to learn how complex systems may be composed of simple components. Damon has twice, with his amazing team members, been a National Science Bowl (NSB) champion and enjoys visiting other host schools. When he is not spending his time “studying” for USABO or Science Bowl, he enjoys dabbling in microphotography, collecting old books and cool rocks, and engaging in the rat race of academic competition.



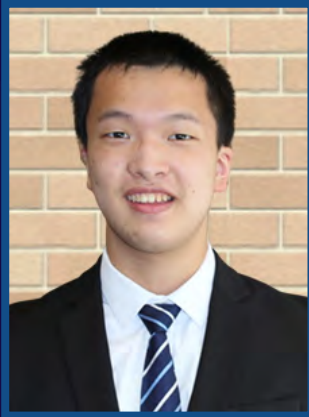
Carolina Kusumanegara | Seven Lakes High School | Katy, TX

Carolina Kusumanegara is a sophomore attending Seven Lakes High School and a 2022 USABO National Finalist. Her primary interests in biology are biochemistry and genetics. Likewise, her favorite textbooks are *Lehninger Principles of Biochemistry* and *Brooker Genetics*. She is an active member of her school’s Science Olympiad team and has medaled several times at nationals. In addition, she has written Science Olympiad tests for many competitions, including the highly regarded tournament BirdSO. Carolina, alongside another 2023 USABO National Finalist (Vishal Surya), co-founded and directed the Houston American Regional Biology Competition (ARBC). She is a part of her school’s biology bowl team, informally known as “Tux” after the Linux penguin. In her free time, she likes to listen to music, read webcomics, and hang out with her friends.



Fiona Li | Henry M. Gunn Senior High School | Palo Alto, CA

Fiona is a junior from California whose passion for biology stems from being curious about nature. Her favorite fields are plants, genetics, and marine biology, and she is interested in topics from human-microbe interactions to ecosystem resilience. At school, Fiona leads and competes on the Science Bowl and Science Olympiad teams. She also enjoys publishing issues of her school’s creative magazine and organizing service events. In her free time, she can be found ice skating at her local rink, experimenting in the kitchen (see the results on her food blog at scallionsandsesame.com), or exploring the outdoors.



Daniel Liu | Mission San Jose High School | Fremont, CA

Daniel is a junior attending Mission San Jose High School in Fremont, California. His passion for biology started with reading *Discover* magazines in elementary school; over time, the books he reads have become thicker, but his interest in life sciences has not changed. He has devoted his spare time to extracurricular activities related to science and biology. Last summer, he researched the applications of cryo-electron microscopy in biochemistry. Currently, he serves as the tournament director of Biology Bowl, creating question content and hosting annual competitions. Daniel is also engaged in his school's STEM clubs, being a co-founder of the school's USABO club. In addition, he tutors middle school and elementary school students in the Science Bowl and Science Olympiad. Daniel further contributes to various volunteer activities to support marginalized people in his local community. In his free time, he enjoys table tennis, piano, instrumental music, and hiking.



Sakura Nakanishi | Palos Verdes Peninsula High School | Rolling Hills Estates, CA

Sakura Nakanishi is a sophomore attending Palos Verdes Peninsula High School. She is passionate about biology, particularly animal anatomy, and physiology. Sakura received the USABO Top 50 Distinction Award in 2022, the Presidential Volunteer Service Gold Award in 2023, and is a 2023 British Biology Olympiad Gold Medalist. She is also the founder of her school's Animal Rescue Club, associate concertmaster in her school's orchestra, and an avid member of the Math Team. In her free time, she can be found playing the violin and piano, hanging out with her family friend's goats, and helping her friends with biology, chemistry, and math concepts.



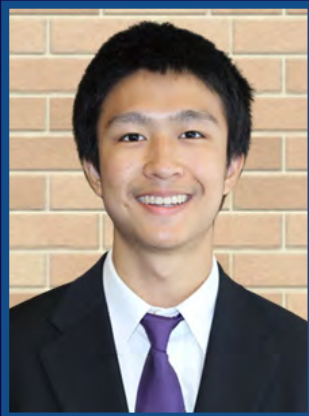
Surya Reddy | Jordan High School | Fulshear, TX

Surya Reddy is a sophomore at Jordan High School. He is an Event Leader of the Jordan Science Olympiad Team and has medaled multiple times at the national level. His favorite event at the Science Olympiad is Cell Biology which he will miss participating in next year. Surya is also a United States of America Computing Olympiad (USACO) Silver participant and won the 2021 Houston Regional Brain Bee at Rice University, going on to place 7th at the U.S National Brain Bee. He is the co-founder and co-president of the Jordan High School Biology Club which produced a record 5 USABO semifinalists this year. In his free time, Surya enjoys watching basketball and playing tennis.



Aditya Sivakumar | Mira Loma, High School | Sacramento, CA

Aditya Sivakumar beat the case (the academic comeback was crazy) and will be attending UC Berkeley in the fall. As a recent graduate from Mira Loma, Aditya's favorite part of biology is playing trivia in Mr. Porter's classroom, getting fish for his environmental studies class, or studying plant diversity by laying in the grass. Aditya is also a chemistry enthusiast who would have made U.S. National Chemistry Olympiad (USNCO) honors but he wanted money for his chipotle and kikis. In his free time, Aditya can be found benching his 7 copies of *Campbell*, playing retrobowl, destroying Dulles 78-12 or listening to J Cole (his favorite song is #3 on 2014). Aditya will not be dissecting a worm in his room at camp.



Bill Sun | Seven Lakes High School | Katy, TX

Bill Sun is a sophomore attending Seven Lakes High School in Katy, Texas. His interests lie in a multidisciplinary approach to biology; his most recent research project has been on utilizing computer algorithms to improve retinal wave measurement. Aside from biology, Bill is also passionate about music; he is a 2-time All-State Symphony cellist and has won competitions in solo piano. He is also an American Invitational Mathematics Examination (AIME) qualifier and is part of his school's SciOly team. In his free time, he enjoys biking with members of his Tux biology bowl team and playing Minecraft.



Vishal Surya | Seven Lakes High School | Katy, TX

Vishal Surya is a sophomore attending Seven Lakes High School. He discovered his passion for biology after learning about the nervous system in elementary school. He has continued pursuing Anatomy and Physiology by competing with his school's Science Olympiad team, where he has medaled multiple times at the state and national levels. Additionally, he has previously conducted computational biology research about Multiple Sclerosis and its connections with the Muramyl Dipeptide response pathway in T cells. He competes on his school's Lincoln Douglas debate team. Besides competing in tournaments, he enjoys tutoring students in biology and helps run the Houston American Regional Biology Competition. In his free time, you can catch him biking, listening to rap, missing 3-pointers, and reading *Systema Porifera*.



Kaiden Wu | Thomas Jefferson High School for Science and Technology | Alexandria, VA

Kaiden loves the world of nature and the secrets that it holds. He is a 3-time winner of the annual Thanksgiving pie competition between him and his cousin, winner of "biggest eater" award on his crew team, and his eggs have been rated "decent" by his little brother. He also scored 15 on USABO Open during his freshman year. When he is not competing, you can find him on the Occoquan Reservoir rowing with his crew team, or biking with his friends. He is also trying to pick up fishing, piano, and reading again this summer. Next fall he will be attending the University of Chicago, where he may be majoring in biology, physics, philosophy, economics, molecular engineering, statistics, or classics. He has not decided.



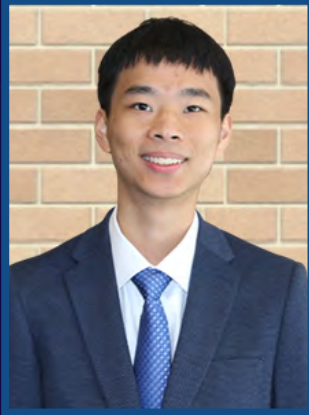
Sophie Wang | Fossil Ridge High School | Fort Collins, CO

Sophie Wang is a two-time USABO Finalist and an incoming freshman at MIT. Post-pandemic, she organized academic programs in her school, which have raised over \$20K to support her community. Her interest in biology propelled her to develop cell lines expressing single-molecule protein misfolding reporters at the Stasevich Lab. Additionally, she has captained her Science Bowl team to the Top 16 at nationals. While undergoing her own biology journey, she aims to create more opportunities for underrepresented students. In her free time, Sophie enjoys playing the guitar, watching true crime documentaries, and journaling on hills.



Yolanda Xie | duPont Manual High School | Louisville, KY

Yolanda Xie is a junior at duPont Manual High School in Louisville, Kentucky. She first became interested in biology as a dedicated competitor and officer of her school's Science Olympiad team. Aside from memorizing epidemiologists, she is fascinated by pathophysiology and evolution and enjoys competing in various Health Occupations Students of America (HOSA) events. Yolanda has a wide array of other interests including playing piano for senior citizens, writing free-form poetry, practicing archery (also known as accidentally shooting holes in walls), and developing a different video game obsession each month.



Jonah Xu | duPont Manual High School | Louisville, KY

Jonah Xu is a senior at duPont Manual High School. From viewing histology slides under the microscope to running a DNA extraction lab for his school's Biology Club, Jonah has always enjoyed hands-on biology. He applies his biology knowledge crafting crafts tough questions for the Science Olympiad invitationals and is a 2-time national champion in Anatomy and Physiology. With a strong interest in learning anatomy, he wishes to pursue a career in medicine. However, Jonah also enjoys learning about areas outside biology: he is a 5-time American Invitational Mathematics Examination (AIME) qualifier and 3-time U.S. National Chemistry Olympiad (USNCO) National Qualifier. When he is not telling stories using his stuffed clownfish, you can find him tinkering with Legos and running around in Minecraft. Jonah will attend MIT in the fall.



Richard Zhu | North Hollywood High School | North Hollywood, CA

Richard Zhu is a senior at North Hollywood High School, and a returning Finalist. His deep interest in biology stems from a love for living things and an eagerness to explore nature's innovation. From the cellular biochemistry that stabilizes our daily activities to the community interactions that characterize the environment around us, he finds the concept of biological systems to be a particularly promising approach. As the co-captain of his school's science bowl team, Richard has found shared interests with his peers to include being an American Invitational Mathematics Examination (AIME) qualifier and also a U.S. National Chemistry Olympiad (USNCO) qualifier. Richard also enjoys hitting drop shots with his tennis racquet and plummeting his bughouse rating on chess.com by accidentally playing the *bongcloud*. Richard will be attending MIT in the fall.