

Ania Kelegama

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American Heritage School, Plantation, FL
Class of 2023, 11 AP Courses

NATIONAL AND LOCAL AWARDS

2022-2023 Florida Science Olympiad States

Placed top 6 in 3 events

2022-2023 Florida Science Olympiad Regionals

Placed 1st, 2nd, and 4th in 3 events

2022-2023 Cornell Science Olympiad Invitational

Placed top 6 in all events, 5th overall as a team

2021-2022 California Tech Science Olympiad

Invitational Placed in all 3 events, out of 200 schools

2021-2022 Florida Science Olympiad Regionals

Placed in all events and overall team placed 3rd in the region and 5th at States

2021-2022 AP Language and Composition Class Award

2021-2022 Chinese IV Honors Class Award

2020 Florida Science Olympiad 1st Place in 4 events at Regionals and 4th Place overall as a team at States

2020 Broward County Science Fair 1st Place in Animal Science

2019-2020 State Science Fair Qualifier (canceled due to COVID pandemic)

2020 State Science and Engineering Fair Finalist

RESEARCH

2022-2023 Nova Southeastern University College of Pharmacy Worked with Dr. Anastasios Lymperopoulos on the exploration of strategies (involving G protein-coupled receptor kinases & beta-arrestins) to increase cardiac function

2021-2022 Journal of Student Research

Published research on "*Blocking Neuropilin-1 in Drosophila melanogaster as a Possible Treatment for Pain and Limiting SARS-CoV-2 Cell Entry*" (<https://doi.org/10.47611/jsrhs.v10i3.1600>)

2020-2021 Florida Junior Academy of Science

Presented research on "*Blocking Neuropilin-1 in Drosophila melanogaster as a Possible Treatment for Pain and Limiting SARS-CoV-2 Cell Entry*"

2020 Junior Symposium of Engineering, Humanities, and Science

Presented research on "*Silencing the DENND1A Gene with Drug Treatment and RNAi to Activate Follicle Rupture in Polycystic Ovarian Drosophila*"

HIGH SCHOOL EXTRACURRICULAR ACTIVITIES

National Honor Society — Member Grades: 9-12

Chinese Honor Society — President Grades: 9-12
Lead meetings; liaise with advisor; determine fundraising distribution to nonprofit organizations; **10 hours/week**

Science National Honor Society — Member Grades: 10-12

National Art Honor Society — Member Grades: 9-12

Chinese Club — Culture Dept. Chair Grades: 9-12
Research Chinese culture and develop presentations for club members; peer tutor for Chinese course; manage social media page; organize culture booth **10 hours/week**

Science Olympiad — Life Science Coordinator Grade: 9-12
Aid in preparation for competitions, oversee: Life, Personal & Social Sciences events, coach and student communication, and resource creation; **12 hours/week**

International Club — Event Coordinator Grade: 10-12
Communicate with charities and other organizations to plan school events; **4 hours/week**

Heart to Art — Secretary Grade: 10-12
Club partners with Boys and Girls Club of Broward to teach art to young children. In charge of meeting notes, helping plan lessons, and signing service hours; **4 hours/week**

Social Media Club — Secretary, junior year Grades: 10-12
Write blogs to market American Heritage to Chinese international students. Took meeting notes; communicated with President; completed service forms; **3 hours/week**

COMMUNITY SERVICE

Memorial Hospital Pembroke June 2020 - present
File documents, help sanitize medical equipment, transport patients; **10 hours/week**

Feeding South Florida August 2018 - present
Prepare meal boxes for homeless shelters and food pantries; **6 hours/week**

American Heritage School August 2021 - present
Peer tutor for students taking Chinese; **4 hours/week**

Plantation Summer Camp Summer 2022
Taught science experiments to children ages 4-11; **24 hours/week**

WORK EXPERIENCE

American Heritage Camp - Lifeguard, Summer
2022, 2023

Sovereign Poke Boba - Cashier/Waitress February
2023-July 2023

Publix Supermarket - Bagger, Summer 2021

