

Nicolette Xydas

HIGH SCHOOL EDUCATION

Carrollton School of the Sacred Heart (Miami, FL), Class of 2025

2018-Present

- GPA: 4.0 out of 4.0 (unweighted), 1530 SAT, 34 ACT
- Vice President-elect (12) of the Carrollton Upper School
- Currently in 5 APs, including AP Calculus BC, Physics I, Environmental Science, & Micro/Macro Economics
- Previously took 4 APs, including AP Computer Science Principles, US History, Spanish Language, & 3D Art & Design

HONORS & DISTINCTIONS

Barat Merit-Based Scholarship, Carrollton School of the Sacred Heart (9, 10, 11, 12)

- Academic scholarship awarded to the top five scorers on the ISEE/SSAT entrance exam along with a strong academic profile that is maintained throughout all 4 years of high school

MIT Book Award (11)

- Given to a promising STEM student who excels in both math and science

Carrollton Goal Awards: Goal V: Wise Freedom Award, Carrollton School of the Sacred Heart (10, 11)

- Granted to one student in each grade level chosen by teachers, administrators, & peers based on an exemplary commitment to personal growth in an atmosphere of wise freedom (received in both 10th & 11th grade)

Award for Scholarship, Carrollton School of the Sacred Heart

- Awarded to one student in each course based on exceptional ability, interest, & work ethic
- Received in AP Computer Science Principles (9), Honors Geometry with Trigonometry (9), Honors Spanish IV (9), Honors Precalculus BC (10), AP Calculus BC (11), AP Physics 1 (11), & AT (Honors) Engineering: Prototyping and Manufacturing (11)

Award for Achievement, Carrollton School of the Sacred Heart (10)

- Awarded to one student who displayed significant improvement in a discipline (AP 3D Art & Design course)

Dream in Green Design & Build Competition (9, 10, 11)

- Won 1st place three years in a row in the annual city-wide high school competition
- Worked with 2 other students to conduct research, write an area study, & create a model & presentation reimagining a predetermined area of Miami-Dade to meet the community needs while focusing on environmental issues & challenges

High Honor Roll, Carrollton School of the Sacred Heart (9, 10, 11)

AP Scholar with Honor (10)

- Granted for scoring an average of 4.75 on AP Exams & for scoring 4s & 5s on 4 AP Exams

Honor Societies, Carrollton School of the Sacred Heart (11)

- National Honor Society, Mu Alpha Theta (**Vice President-elect: 12**), National Technical Honor Society (**Vice President-elect: 12**), Science National Honor Society

National Community Service Award: Ambassador (9, 10, 11)

- Received in grade 9, 10, & 11 for completing at least 100 hours of service & 12 service activities each year

ATHLETICS

Varsity Swimming & Diving Team, Carrollton School of the Sacred Heart (7, 8, 9, 10, 11)

- Made **2nd Team All Miami Dade County** (9), **Honorable Mention All County** (10), & **1st Team All County** (11)
- Made **Academic All Americans Honorable Mention** (11)
- Qualified for FHSAA Class 1A State Championship (1 Meter Diving) in 9th, 10th, & 11th grade
- FHSAA Class 1A State Championship (1 Meter Diving): placed 21st (9), 15th (10), & 8th (11)
- FHSAA Class 1A Region 4 Championship (1 Meter Diving): Champion (11) & placed 9th (8), 7th (9), & 5th (10)
- Named FHSAA Class 1A District 12 (1 Meter Diving) Champion (9, 10, 11) & Runner-up (8)
- Hold the **1 Meter 6 Dive Meet Carrollton School Record**
- Received Carrollton **Most Valuable Player Award** (11) & Carrollton **Most Improved Award** (9)

Miami Diving Club Team, 11 hours/ week, 12 months/ year (6, 7, 8, 9, 10, 11)

- Participant on the largest private club diving team in Miami that practices at the University of Miami
- Take part in year-round local, state, & national club competitions, including Regional Championships (USA Diving Junior Region 3) 3 years in a row

Junior Varsity Sailing Team, 5 hours/ week, 4 months/ year, Carrollton School of the Sacred Heart (9, 10)

- Sailed C420 boats & competed in regional regattas
- Received Carrollton **Most Improved Award** (10)

LEADERSHIP ACTIVITIES

Oyster Restoration Project (10, 11)

- Led the project at Carrollton by guiding Girl Scouts & Miami Breakthrough scholars in restoring the Biscayne Bay oyster population to foster marine habitats & improve water quality
- Presented oyster restoration methods to several grades at Carrollton with Watershed Action Lab founder & other students
- Created a functional, activist art piece displayed on Carrollton campus made of recycled materials to highlight the project
- Organized to collect data with Junior SeaKeepers & do an Independent Study on the project in the spring semester of 12th grade that will culminate in a research paper

Breakthrough Miami, Volunteer (9), Club member (10), Club Vice President (11)

- Led academic lessons & electives for underrepresented 5th to 8th grade scholars, creating a rigorous and vibrant learning community & inspiring scholars to become emerging leaders within & outside of their community
- Awarded **Volunteer of the Month (March 2023)** in Miami-wide competition

Student Congress, Grade Class Secretary (8, 9, 11), Vice President-elect of Carrollton Upper School (12)

- Fundraise, organize, & execute student body & club activities with schools throughout Miami-Dade

Junior SeaKeepers (JSKs) Program, 60 service hours (10, 11)

- Selected to participate in the 17-week program to get hands-on experience in scientific communication & oceanographic research, while educating the local community about marine conservation issues
- Trained by experts through webinars, workshops, beach cleanups, floating classrooms, & research projects
- **Named the Leadership Chair (11):** Help JSKs find projects to engage with local community

Upper School Student Ambassador (9, 10, 11)

- Chosen to represent the Student Body based on leadership qualities & the ability to relay Carrollton values

COMMUNITY SERVICE & PROGRAM ENRICHMENT

Girls are for STEM, University of Miami (11)

- Selected to participate in college-level math class, Introduction to Abstract Algebra, for 12 weeks & 1 Semester college credit

MG Engineering D.P.C. Internship, 4 weeks, 74 total hours (Summer before 11)

- Was mentored by an electrical engineer, applied concepts of design for commercial buildings while using the CAD & Revit softwares, & learned about the different types of engineering

Blue Missions

- **Building Young Leaders Program, 75 service hours (10):** Selected for the 12-week leadership training in art & activism, scientific research, social entrepreneurship, policy advocacy, & nonprofit programming
- **Water Service Trip, 100 service hours (Summer before 11):** Helped connect an entire community in La Yayita, Dominican Republic with running water & bonded with local families, learning about their culture

Miami Diving Summer Program, Counselor in Training, 303 total service hours (Summer before 9, 10, 11)

- Taught children ages 6-15 to dive, leading lessons of courage, determination, & discipline

RipFest Diving Summer Camp, 1 week (Summer before 11)

- Trained, attended lectures, & learned new skills at the Indiana Diving Academy Club under Olympic Diving Coach John Wingfield at an aquatic complex & the largest & most advanced diving dryland center in the US

Columbia Pre-College Summer Immersion: New York City, 1 week (Summer before 10)

- Took the Looking at Architecture: A Primer On Style Course in a college-like setting at Columbia University

Summer@Brown Online Pre-College Program, 2 weeks (Summer before 10)

- Took the Introduction to Engineering & Design Course & created a prototype to aid disabled individuals

Inspirit AI Scholars Course, 2 weeks (9)

- Participated in AI + X Project Mentorship Program taught by Stanford/MIT graduate students
- Applied AI concepts to socially impactful projects in economics, healthcare, art, education, etc.

ADDITIONAL STUDENT LEADERSHIP

- *Class Coordinator:* Campus Ministry (9)
- *Junior High & Elementary Math Tutor:* Mu Alpha Theta (11), National Honor Society (11)
- *Active Member:* Blue Missions Club (9, 10, 11), SWENext (9, 10, 11), Future Business Leaders of America Club (10, 11), Campus Ministry (10, 11), Robotics Team (9, 10), STEAM Club (9), Miami Youth Climate Summit (9), 4U NICU Club (9)
- *Competitor:* Stock Market Game (11), Bridge Innovate Graphic Design Challenge (11), Mathletes Pre-Calculus Exams (10), Oratory Competition (9, 10), NASA Space Apps Challenge (9), MATE ROV (9)

PERSONAL

Skills: proficient in Revit & CAD (Autodesk Fusion); intermediate-level Spanish; artistically inclined; JavaScript & Python beginner-level programming; public speaking; fundraising; can play the piano & violin

Interests: Majoring in civil/ structural & environmental engineering; sustainability & climate change; math; thrifting