

FEDERATION AERONAUTIQUE INTERNATIONALE

NOMINATION FORM

CIAM AEROMODELLING SCHOLARSHIP

(for applicants from the age of 16 up to the age of 21 in the year of nomination)

From NAC : Academy of Model Aeronautics _____ Date : 13 Nov 2024 _____
Address : 5161 E Memorial Drive _____ Country : United States _____
Muncie, IN 47302 _____ (only one person from a country may
_____ be nominated annually by that
_____ candidate's National Airport Control)
(submitted nominations must include an
electronic format photograph of the
nominee)

Email address: cpierce@modelaircraft.org _____

Name of Nominee : [Noa Goldstein](#) _____ Date of birth: [06/24/2004](#) _____

Address : [514 Santa Rita Ave](#) _____

[Palo Alto, California 94301](#) _____

[United States](#) _____

Email address: noa@gold.ly _____



Scholastic Accomplishments and Educational Plans (please list & continue on a separate sheet if necessary):

Scholastic Accomplishments:

Standardized Testing and GPA

3.933/4.0 GPA (2024)

4.0/4.0 GPA (2022)

- Accelerated a year in math; took college-level classes in junior and senior years

36 ACT Score (2021)

Grants and Awards

Weissman International Internship Program Grant (2024)

National Free Flight Society Scholarship (2024)

Harvard College Research Program Grant (2023)

National Merit Commended Student (2021)

- Awarded to students who scored in the top 4% on the PSAT nationwide

Work and Leadership

Harvard College's Class of 2026 AB in Physics (pursuing Honors track) and Education Studies minor, with interests in research, teaching, and counseling

- Research with Harvard Mazur Applied Physics research group (June-December 2023, Cambridge, MA)
 - Designed simulations to model and examine optical properties of varying twist bilayer photonic crystal structures and optimize fabrication for photonic devices
- Research with Harvard ATLAS Group (January-August 2024, Geneva, Switzerland & Cambridge, MA)
 - Analyzed data to determine efficiency of European Organization for Nuclear Research (CERN) ATLAS detector in preparation for Large Hadron Collider's (particle accelerator's) upcoming upgrade
- Taking classes about developmental psychology, early childhood education, learning differences, and teaching and learning (including classes at Harvard Graduate School of Education) to become a more effective and compassionate teacher
- Taught at a preschool for 6 weeks over 2023 summer (concurrently with physics research) and taught as substitute teacher throughout August 2023-May 2024
 - Created summer program classroom and nature activities through Reggio Emilia philosophy for 2 classes of 14 students ages 3-5
 - Strengthened teacher-parent relationships to safely navigate students' developmental concerns
 - Provided teachers with support in facilitating student conflicts and modeling emotion and behavior regulation in 7 classrooms
- Curriculum Writer and Editor for The Body Positive (see High School for details on organization)
 - Orchestrated and implemented evidence-based content edits and restructuring of national nonprofit organization's new High School Curriculum directly in collaboration with co-founder
- Co-direct a refugee enrichment afterschool volunteer program at an underserved neighborhood in Boston
- Volunteer as a peer counselor in the Harvard Eating Concerns Hotline and Outreach group as an extension of The Body Positive and Peer Counseling work in high school (see below)

High School (Castilleja School, an all-girls school)

- Co-founded and president of The Body Positive (TBP) club in partnership with the national nonprofit organization TBP (2018-22)
 - Founded school club to educate students grades 6-12 about intuitive living and beauty and health misconceptions
 - Coordinated with organization to train school staff, faculty, and over 200 students to lead workshops in wellness, fitness, and biology classes to reach all 450+ students every year
 - Collaborated with annual school arts and dance production to raise \$20K for organization
- Co-founded and tutored at Beyond the Book Tutoring, a 501(c)(3) national nonprofit which provides free tutoring for K-8 kids during distance learning (2020-22)
 - Developed the business model; created orientation materials and a training program for tutors (250 tutors); organization recognized on CNN

- Independent Physics Researcher on Quantum Gravity, Research Scholar Program (2021)
 - Wrote 15-page literature review on string theory as a solution of quantum gravity; mentored by Yale grad student
- Peer Counseled (2018-2021)
 - Responded to the mental health needs of my peers via in-person sessions; received school's Community Award as a club member for our service (2020)

Educational Plans:

- Working at EdTech startup this summer in product management to learn about the business model and about product development
- Getting Early Childhood Education and Care (EEC) Teacher Certification (have the supervised hours, will take online required course over winter break)
- Looking at research groups at Harvard Graduate School of Education for next semester
- Considering Masters in Education

Aeromodelling Achievements up to the age of 21 (for example World or Continental Championships, National Championships, World Cups, Records, Technical Innovations. In the case of competitions, include the name, date, and location of each competition, the class and the position achieved.) (Please list & continue on a separate sheet if necessary.)

**All achievements listed are for F1A. Please also note that while the positions achieved are accurate, most of the competitions listed are from memory. I apologize if information such as location and date are inaccurate or missing. Thank you for your understanding.*

National Free Flight Society Scholarship Recipient (2024)

Academy of Model Aeronautics Scholarship Nominee (2024)

F1A Junior World Champion FAI Junior World Championship – Pordim, Bulgaria (2022)

- First ever F1A Junior World Champion from the USA

F1A Female Junior World Champion FAI Junior World Championship – Pordim, Bulgaria (2022)

- Second ever Female Junior World Champion

USA Adult Free Flight Team 2024 FAI Adult World Championship — Moncontour, France (2023)

USA Jr Free Flight Team 2022 Competitor

3rd Adult, Top woman Southwest Regionals — Eloy, Arizona (01/13/2024)

Top Junior USA F1A Standing (2021)

Top Junior Sierra cup – Lost Hills, CA (10/9/21)

Top Junior, 2nd Adult SanVal Spring Annual – Lost Hills, CA (4/10/21)

Top Junior USA F1A Standing (2020)

Top Junior Kiwi World Cup F1A (2020)

Top Junior Patterson – Lost Hills, CA (11/14/20)

Top Junior Kotuku – Lost Hills, CA (10/13/20)

Top Junior Bob White MaxMen International – Lost Hills, CA (2/13/20)

Top Junior USA F1A Standing (2019)

Top Junior Sierra cup – Lost Hills, CA (10/11/19)

Top Junior SCAT Annual – Lost Hills, CA (3/24/19)

Top Junior SCAT Annual – Lost Hills, CA (3/23/19)

Top Junior Bob White MaxMen International – Lost Hills, CA (2/14/19)

Top Junior Southwest Regionals – Eloy, AZ

Personal Statement: What role did Aeromodelling play in your life and what are your aspirations for the future? (One page to be written in the Nominee's own hand and attached to this form. If written in a language other than English, then please attach a typed translation as well as the hand-written original.)

NAC Signature : 

President or Secretary General of nominating FAI National Airsport Control

(must be submitted to the FAI Office by November 15)

Starting in my freshman year of high school, once a month, my dad and I would start a thriller mystery audiobook and take a road trip to Lost Hills, predictably in the middle of nowhere - a flat and open field that stretches for tens of miles. In the desert plains of Lost Hills, the field that hosts most national competitions for gliding, I feel most at peace. Amid the academic demands back at school and the adrenaline of competition, the freedom of running through the fields brings me an ineffable comfort. Over the past six years, I've practiced patience and persistence and grown into a worthy competitor.

Bulgaria was undoubtedly ~~the~~ most impactful gliding experience for me. I came into the trip nervous. It was my first time flying as part of a team, and the USA uniforms reminded me that I would be representing more than just myself. What's more, I had never competed in a Junior World Championship, let alone against this many juniors.

Back at Lost Hills, it was just my dad and my younger sister that flying together, but for the world champs we had a whole team who was equally passionate for the sport. If anything, it was this group that made my entire trip. A whole team that cheered each other on through the walkie-talkies after every max, kept each other hydrated on the burning field, and made each other laugh over lemonades at our nightly dinners. This is so much of what this sport has given me - unbreakable bonds.

The opening ceremony was when it hit me how meaningful the experience would be. We lined up as a team as I held the American flag and walked alongside thirteen other countries. Though we were competitors, it was a powerful reminder that this week was meant to bring people together from different cultures to share their collective joy in gliding. This motivation is now more important than ever.

During the banquet, after I received my awards, our national anthem playing, I felt honored to have put the United States "on the map." This was the very first FIA victory in the history of USA junior world championships.

And I was the second ever woman champion! This one is the most meaningful. A year ago, I graduated after seven years at an empowering all-girls school where I was surrounded by brilliant, accomplished women. So I almost took it for granted how essential representation is, especially in such a male-dominated sport. My greatest pride is that I have given this to young women standing alone on their field, much like I did before. I left Bulgaria with new friends from around the globe (whom I still talk to regularly) and a once in a lifetime experience.

The France World Championships this past summer is another demonstration of the incredibly unique opportunities that gliding has given me. There, I competed against fliers from forty-three other countries, rekindled old friendships as well as nurtured new ones, and was faced with challenging conditions that tested my model, grit, and skill. As I continue to aspire to be a role model for that, who has already become a powerful example of female excellence in the sport, winning Top Female, I hope to be a guide for the next generation of female fliers navigating the challenges of being an outlier.

While my relationship with gliding will naturally shift as I get older and my ability to go to competition will inevitably conflict with my educational responsibilities, I know that FIA is forever. I see how it has already seeped its way into the rest of my education pursuits. I use the calculated problem solving and determination behind maximizing my performance and improving my models as part of my physics studies. I translate the patience and consistency required to compete at a world level into my classroom setting when working with children. I cannot wait to see how I continue to grow and find that ineffable comfort in this beautiful sport.