

# Alina Loginov

+1 514 792 4655 | Montréal, Québec  
[alinafloginov@gmail.com](mailto:alinafloginov@gmail.com)

## EDUCATION

**Current institution:** McGill University - Montreal, QC. 2025-2029  
Major Psychology, B.Sc.  
Minor Neuroscience, B.Sc.  
Minor Interdisciplinary Life Sciences, B.Sc.

**Cayuga Community College**, Auburn, NY 2023-2025  
25 transfer credits earned

**Tompkins Cortland Community College**, Dryden, NY 2024-2025  
35 transfer credits earned

## RESEARCH EXPERIENCE

**SoilNow Lab:** Cornell University CALS Plant Science Research 2022-date  
Student Research Volunteer  
Supervisor: Jonathan Russell-Anelli - [jmr5@cornell.edu](mailto:jmr5@cornell.edu)

- Studied nutrient outflow and plant performance at varying soil/compost mixtures
- Data collection, contributing author to paper
- My project: Correlations between soil media (including soil, compost type, and biochar), nutrient outflow, plant performance, and seedhead production

**Tschida Lab:** Cornell Cognitive Psychology Research 2025-date  
Student Data Collection Volunteer  
Supervisor: Katherine Tschida - [kat227@cornell.edu](mailto:kat227@cornell.edu)  
Data analysis of mouse social behavior

- Studied mouse social behavior in enrichment vs control mouse populations
- Collected data from recorded mouse social interactions

**Independent Animal Model Research** 2018-2021  
Principal investigator  
Supervisors: Glenn Jackson - [gaj49@cornell.edu](mailto:gaj49@cornell.edu), Paul Soloway - [paul.soloway@gmail.com](mailto:paul.soloway@gmail.com), Erica Behling-Kelly - [elbehlingkelly@gmail.com](mailto:elbehlingkelly@gmail.com)

- Studied effects of different sugars (including alcohol-based sugars) on circulating biomarkers associated with microvascular inflammation
- Gained animal model certification, IRB approval, and Cornell Clinical Pathology Education funding
- Performed blood draws, collected and analyzed data, performed daily care
- Mixed Envigo+ ketogenic diet with calorie-adjusted weights of varying sugars

## CONFERENCES

### Broadcom Masters Competition

- National competition for middle and high school student research projects
- “Oxygen Production of Biodomes with Varying Densities of Vegetation” - 2017-2018
- “Effects of Diet on Circulating Biomarkers Associated with Microvascular Inflammation” - 2018-2021

### Clube Solo Fértil - 2021

- Connected with soil club in Brazil to discuss social and environmental improvements for food security

### 4-H National Agriscience Summit - 2021

- Competed for grant to build community gardens in food deserts and low-income communities to improve access to fresh vegetables and support food needs (see Volunteering & Outreach)

### 2023 New York State Organics Summit

- Presented community garden project alongside university students (see Volunteering & Outreach)
- Attended presentations about biochar, PFAS, human composting, etc.

### 2024 New York State Youth Agriculture Leadership Conference

- Applied to be one of 200 students selected to attend the YALC
- First NYS conference about leadership, communication, and outreach in agriculture

## VOLUNTEERING & OUTREACH

### Increasing Food security Through the Use of Vertical and Raised Bed Gardens - 2021-date

- Helped start a communal garden run by a veteran and nutritionist
- Supported a multigenerational family in growing food for their small business
- Aided a teaching and community garden for food and housing insecure, children
- Built gardens at low-income housing and helped build social connections through gardening
- Gave talks to local Rotary Clubs to educate and inspire members of the community to reach out to their neighbors

### Club President, Botany Besties 4-H Club - 2019-2025

<https://alfilo.github.io/botany-besties/>

- Organized activities for youth in the community to spark their interest in science and technology (Groton Cabin Fever, Dryden Olde Home Days)
- Created teaching plans and organized club meetings, presenting information both virtually and in-person
- Taught club members about plant science, technology and coding, healthy eating, and caring for themselves and each other

### Coordinator and Creator, Share the Fair Virtual 4-H Fair Project - 2020-date

<https://sharethefair.org/>

- Brought activities and learning experiences from the 4-H Fair to the community
- Fostered deeper connections within families and friendships during and after COVID-19

### Organizer and Program Creator, Take and Make Craft Kits - 2020-2025

<https://www.youtube.com/@sharethefair-tompkinscount1271>

- Created over 900 craft kits in 2025 and distributed them to libraries with video tutorials

- Encouraged reading to support the Summer Reading Program
- Supported the community and brought families, friends, and neighbors together during and after COVID-19

#### **Contributing Author**, pH Meter Extension Resource - 2024

- Helped write and edited a resource for Cornell staff to use in understanding, using, analyzing, and troubleshooting pH meters
- Learned about combining scientific and community-oriented language

#### **Tutoring**, Excel Lansing - 2022-2025

- Tutored Pre-Algebra, Algebra I & II, Geometry, Precalculus, AP Calculus AB, Spanish, AP Biology, Chemistry, English, Dual-Enrollment Physics, French
- Taught mathematics from addition and subtraction up to Algebra I concepts in Spanish

#### **Participant and volunteer**, Tompkins County 4-H - 2016-2025

- Secretary of Fair Board for 2 years: Improvements in 4-H fairgrounds and community outreach
- Created and competed in projects, earning top project in class for New York State for 6 years
- New York State Fair Horticulture Contest First Place for 2 years
- Gardening improvements to fairgrounds to support pollinators and increase in community outreach
- Earned county medals for computer programming, exceptional community service, leadership

#### **Volunteer**, Garden maintenance for senior in the community - 2023-2025

### **ENTREPRENEURSHIP**

Flutterby Plantarium: <https://alfilo.github.io/flutterby/> 2017-2024

- Grew pollinator perennials and herbs from seed to support the local pollinator population
- Donated extra perennials to community gardens and beautification programs
- Helped to fund community garden project and college education

Craftopolis: <https://alfilo.github.io/craftopolis/> 2017-2025

- Created artisan paper, yarn, and beading crafts as well as bakery products
- Helped to fund community garden project and college education

### **EXTRA-CURRICULAR ACTIVITIES**

**National Honors Society** - Participant 2023-2025

**National Society of Leadership and Success (Alpha Chi Sigma)** - Participant 2024-2025

**Dairy Cattle Showmanship Competitions, Training, and Care** 2016-2024

#### **Music:**

- NYSSMA: New York State music competition 2017-2025
- Trumansburg Community Chorus (including auditioned small group) 2019-2025
- Area-All State and All County choruses: NYSSMA auditioned choruses 2022-2025
- Seraphim Choir - Montréal 2025-date

## **SPORTS**

- Bouldering (2023-date)
- Basketball (competitive and pick-up) (2016-2025)
- Irish Dance (competitive) (2016-2019)

## **LANGUAGES**

English: Fluent, French: C1; Spanish: Advanced  
New York Seal of Biliteracy - French and Spanish