Calder Summer Undergraduate Research (CSUR) Program
Louis Calder Center - Biological Field Station
F O R D H A M U N I V E R S I T Y

Summer 2020 - Application Form

Personal Data

Name:		
Address:		
Phone:		Email:
Date of Birth:		
Highest college level <u>completed</u> (as of May of 2020):	Freshman Sophomore Junior Senior	
When do you expect to graduate?		
Gender (optional): M F	Race / Ethnicity (optional)	
Do you plan to bring a vehicle to the station?		
Do you plan to live at the station over the summer? (shared housing is provided for CSUR participants)		

Training

Universities or Colleges Attended	Current:	
	Other:	
Biology, chemistry, or other relevant courses taken. ***Unofficial transcripts may be attached***	**Course**	**Grade**
Major:		
Total GPA:	out of	
Major GPA:	out of	
How did you learn about our program?		

Other Experience.

List other relevant experience, such as laboratory research, employment, or outdoor experience and interests.

Personal Interest. (Extra space is available on page 6, or use an extra sheet if necessary)

Describe your reasons for applying to the Calder Undergraduate Research Program. Specifically,
- What do you hope to get out of the program? How do you expect that this research experience will affect your career? Why are you interested in the field of ecology?

Research Interests. Below are listed our offering of potential research areas. Indicate in the empty boxes your top ***three research interests,*** by number, **from 1 to 3** (***1 = strongest interest***).

	J. Alan Clark, PhD (Avian Ecology, Behavioral Ecology, and Conservation Biology). Urban and suburban bat ecology Birds as vectors of tick-borne diseases
	Thomas Daniels, PhD & Richard Falco, PhD (Vector Ecology). Population ecology of ticks Novel ways of controlling ticks Activity and spread of the Asian longhorned tick Ecology of invasive mosquito species
	Craig Frank, PhD (Behavioral, Physiological and Biochemical Adaptations of Mammals) Evolutionary physiology of hibernation Evolution of food storage (rather than hibernation) Effects of climate change on hibernation White nose syndrome in bats
	Steve Franks, PhD (Plant Ecology and Evolution) Population dynamics and rapid evolution in annual plants Evolutionary responses to climate change Evolution in invasive plants
	J.D. Lewis, PhD (Plant and Microbial Community and Ecosystem Ecology). Human effects on the environment, including urbanisation, invasive organisms, climate change and habitat fragmentation.
	John Wehr, PhD (Aquatic Ecology, Ecology and Physiology of Algae) Adaptation and evolution of freshwater brown algae to saline environments Causes of harmful algal blooms in New York lakes Biodiversity of algae and bryophytes in streams and rivers

Personal Interest – Extra Space.

References

Provide the names, phone numbers, ***and email addresses*** of three references who can comment on your ability as a student or your potential as a researcher.
1.
2.
3.

Signature (Type your full name)	**Date**

Send your completed application electronically by February 28, 2020 to:	**REUatCalder@fordham.edu** When submitting application rename Word document by adding your first initial and last name before the original file name. For example: John Smith **JSmith**CSUR2020application.doc

It is strongly preferred that the application is submitted electronically.

If you are unable to do so, send application to:

CSUR Program 2020: Louis Calder Center - Biological Field Station
Fordham University, 53 Whippoorwill Road, PO Box 887
Armonk, NY 10504, USA