INTRODUCTION: CRANBERRY LAKE BIOLOGICAL STATION

Cranberry Lake Biological Station (CLBS) has for decades served to provide academic and professional training to undergraduate students in ESF’s Department of Environmental Biology. CLBS is located on the southeast shore of Cranberry Lake (Clifton, St. Lawrence County) and is accessible only by boat. Personnel, students and all materials are transported to the station by boat from the ESF marina, Columbia Road, on the northwest shore of the lake. Students and instructors live together at the station (students occupy bunkhouses that can sleep up to nine students each, while instructors each occupy one of six faculty cabins). Approximately 15–18 full-time and part-time physical plant, kitchen, office, and student work-study staff support the academic mission of the station. Many of the full-time staff are local residents who work at the ESF Ranger School at Wanakena (RS) during the academic year and commute to CLBS during the summer. Other seasonal staff (primarily students) are housed at the station. The built infrastructure at CLBS includes:

- **dining hall** with ~120 person capacity
- **marina and boat house** – a fleet of 7 PV boats serve the academic mission and physical plant of the station. The PV boats range from 5–11 passengers, and will be used to transport students in limited numbers to the station by licensed pilots.
- **office** for the Director, Business Manager, and 1–2 student work-study assistants
- four 1-room **classroom/laboratories** with capacity ~20 person
- one **bathhouse** shared by all resident students
- ten unpartitioned, unheated **bunkhouses** that can sleep 6–9 students
- a research **laboratory**
- a student **laundry room**
- a common building for student socializing (**Sanderson Lodge**)
- six partitioned, heated **faculty cabins**
- **Teaching Assistant (TA) Lodge**, with eight single-bunk rooms each of which opens to the outside, a common room, two bathrooms w/ shower stall, and a laundry room
- **a Caretaker’s Residence**, which is a stand-alone, partitioned, heated house with three bedrooms, laundry, bathroom, kitchen, living room.

*TA Lodge and Caretaker’s Residence will serve as on-site quarantine/isolation spaces.

---

1 This plan was based on the COVID plan entitled “Station Restart Plan” dated August 4, 2020 developed by Dr. Mariann Johnston and approved by ESF College administration. Other COVID-related documents developed by Dr. Johnston were also worked in as appropriate. The document has been modified to be specific for CLBS.
CLBS has long been the focal point of delivering the Environmental Biology department’s keystone course in Ecological Monitoring and Biodiversity Assessment (EFB202). The course is offered at least twice and often three times per summer to accommodate ~150–200 students (60–70 per session) who require the class. Students enrolled in the immersive EFB202 course live at the station for three weeks, while instructors rotate onto the station to teach specific modules. During the first two weeks of the course, students study a wide variety of aquatic and terrestrial organisms, and are introduced to a broad range of field, laboratory, and analytical methods, and ecological principles. Students then complete a group research project during the third and final week of the course. Research projects require proficiency in field sampling methods, basic experimental design and statistical analysis, and the ability to cooperatively solve problems. The course culminates in a research symposium during which groups present their findings to their peers and a panel of judges.

COVID PLANNING

Limiting Capacity
This year we plan to open CLBS in a limited capacity. We will hold three sessions of EFB202 at reduced numbers (~50 rather than ~70). We plan to begin physically opening the station in April 2021 and hold three in-person sessions starting Sunday May 30 through Friday July 30. At any given time during the three sessions, there will be ~50 students, up to 4 instructors, and 15–18 CLBS staff (CLBS Director, Office Manager, as well as 7–8 student work-study, 3–5 dining services, and 3–4 physical plant staff) on the station.

Encouraging/Advocating Vaccinations
We anticipate instructors and CLBS physical plant/kitchen staff will have the opportunity to be fully vaccinated two weeks prior to the start of the first session (May 30). It is critical that kitchen and physical plant staff (including boat pilots) be vaccinated in order to ensure daily function of the station and support of the academic mission. While we will encourage vaccinations and advocate the prioritization of vaccinations for students and front-line staff, we understand not everyone can be vaccinated. However, a lack of vaccination will not preclude any instructor, staff, or student from completing work or academic assignments while following proper health and safety protocols.

To reduce the likelihood of transmission of the virus among those participating in the program, we will request all instructors and staff to become fully vaccinated prior to reporting to the station. Proof of vaccination will be requested, and such records will be kept on file until the end of the summer session. This information will be used to assist in determining the precautionary measures to be taken to further reduce transmission during the program operation. (Note: With either the 2-dose Pfizer (2 shots, 21 days apart) or the 2-dose Moderna (2 shots, 28 days apart), a minimum 35–42-day window, respectively, is needed from the first shot, and this period should be built into the period for these vaccinations to be complete. However, for the Johnson & Johnson (1 shot) the window is two weeks after the shot.) Participants will be notified of eligibility to receive the vaccination.

As the summer progresses, more of the population will have the opportunity to be vaccinated. The College will strongly advocate to request permission to vaccinate students who have paid their deposit to be a part of the CLBS program – on a staggered basis relative to the session they anticipate attending. It is our understanding that summer camps will be set to open this summer and anticipate a push and acknowledgement of this for experiential learning programs as well.
**Initial Student/Faculty/Staff COVID Testing and Monitoring**

Move-in plans will follow guidelines detailed in the SUNY ESF Plan for Academic Continuity and the Health and Safety of Students, Faculty, and Staff Policy for Winter and Spring Terms 2021 (1/25/21) available at: http://www.esf.edu/restart/. Logistics for students arriving from non-contiguous states are detailed in the Residential Living-Transport to Station section, below.

Upon arrival at the Columbia Road marina, and before being transported to the remote campus, students will present a completed 14-day daily log of COVID-related attestations, including daily temperatures, symptoms, and contacts with known or suspected positive COVID cases (*Appendix 1*). Students who were able to obtain a vaccination will be asked to provide proof of their vaccination status to CLBS staff by email prior to arrival, or upon arrival at the marina.

All students will need to present evidence of:

i. a negative PCR COVID test dated within the previous 5 days; or
ii. a record of full vaccination status (i.e., all required doses) at least 14 days prior to arrival; or
iii. evidence of a positive diagnostic result for COVID-19 from the prior 90 day period and completion of required isolation

*Students without this documentation will not be permitted on the station.*

Regardless of vaccination status, all students must:

a. answer an on-site questionnaire (*Appendix 2*);

b. be screened for body temperature; and

c. submit a signed behavioral agreement to comply with station community expectations and with NYS COVID safety protocols (*Appendix 4*).

**During the first seven days at the station** students, residential staff, and instructors will continue monitoring and logging their daily temperatures and symptoms (*Appendix 3*). Unvaccinated students and residential staff will be given a PCR COVID test on the fourth day of instruction. Students, instructors or residential staff whose tests come back positive will be transported to the marina to leave the station or to the Ranger School for isolation and pick up, in coordination with St. Lawrence County Dept. of Health (DOH).

**Student Travel Prohibition**

Throughout the academic program students will not be permitted to leave CLBS and its immediate vicinity except for sanctioned instructional exercises. Exceptions may be made for illness, family emergency, or other circumstances with approval from the CLBS Director.
**Academic Planning**

We plan to hold three 3-week in-person sessions at 50% normal capacity: Session 1 from Sunday May 30 (first day of move in, orientation and teaching) through Friday, June 18; Session 2 from Sunday June 20 (first day of move in, orientation and teaching) through Friday, July 9; and Session 3 from Sunday July 11 (first day of move in, orientation and teaching) through Friday, July 30. We will hold classes on Memorial Day and Independence Day. Instructors will be expected to provide equivalent opportunities for students who may miss a class due to illness, but any extended illness or quarantine due to contact will result in a student needing to withdraw from the program due to the intensive, field-based curriculum. If a student must withdraw due to illness or extended quarantine, they will be refunded a pro-rated amount of their tuition, and room/board fees.

**Communication**

Communication with students and their families will be conducted via email and virtual meeting platforms (e.g., Zoom). Phone calls with individual students or families may be used to address individual concerns. We will provide messaging regarding our plans, expectations and protocols. Once in session, daily updates during the breakfast and dinner hours will provide an opportunity to communicate news and updates directly to students and allow them to ask questions.

Communication between CLBS staff and instructors will occur in meetings on the academic side, and we anticipate near daily meetings among academic, facilities, and food service departments. In all cases, telephone and email may be utilized to discuss issues of concern, share ideas, and inform decisions.

Communication between CLBS leaders and ESF will occur principally via regular communication between the CLBS Director, the Academic Program Coordinator, and the Environmental Biology Chair. The CLBS Director will also maintain open channels with personnel at the Syracuse campus as needed to effectively oversee the program.

**CHECKLIST**

- **Capacity** – Our current expectation is the number of students for each session will be between 50–55 students (~20 fewer than under normal circumstances). Under our current residential capacity, this would allow us to house ~5 students per cabin. We have 10 student cabins that normally sleep 6–9. A separate ‘TA lodge’ also exists at the station, which has eight separate rooms, two bathroom/showers, laundry facilities and a common room. We will dedicate a wing of the TA lodge (4 separate rooms) for students with immunodeficiencies or other health concerns who were unable to be vaccinated. We will set aside the other wing of four rooms in our TA lodge as quarantine rooms. In the event quarantine rooms are used, one of the two bathrooms will be designated for use by quarantined students while the other will remain available for non-quarantined students.

- **PPE** – Students, staff, and instructors will bring their own supply of suitable face coverings to the station to be used in accordance with COVID policies and state guidelines. Disposable masks, provided by the college, will be made available to students should they forget or lose their own. Hand sanitizer, disinfectants, and disposable and/or washable microcloth wipes will be provided by the College for staff, faculty, and student use.
• **Testing** – All students who are not fully vaccinated will be tested on the fourth day of instruction. Tests will be administered by the College in cooperation with Syracuse University using saliva kits. College administration is aware of our plans and have the capability to provide testing services for this number of individuals.

• **Local medical capacity** – Students or staff could go to the local hospital any time testing is deemed necessary and outside the support of the College/SU. Clifton-Fine Hospital is a designated testing center for St. Lawrence County, provides inpatient and outpatient services, and is affiliated with the Samaritan Medical Center in Watertown, NY (Jefferson County), where ICU beds are available if needed. The Samaritan system accepts most major health insurance. The St. Lawrence County DOH supplies Clifton-Fine Hospital with requisite supplies and can request more from the State as needed. Cranberry Lake is just off State Rt. 3, with well-maintained access to Star Lake, Watertown, and the I-81 corridor. The CLBS program maintains a car at the marina to be used for CLBS Director or another consenting, vaccinated staff member/instructor to transport ill students to emergency care in Star Lake or a critical care center in Watertown. There is also a designated helicopter landing pad near the Hospital, at the Clifton-Fine Central School in Star Lake, if emergency airlift is needed.

• **Residential Living**
  o **Transport to Station** – We will use a structured move-in similar to the Ranger School’s successful move-in and move-out experiences over the last year, and in accordance with the existing guidelines used by the ESF Syracuse campus at the beginning of the spring 2021 semester.
  o **Any students arriving from noncontiguous states** will be required to follow all guidelines detailed in the New York State Travel Advisory at: [COVID-19 Travel Advisory | Department of Health (ny.gov)](https://www.health.ny.gov/diseases/a-z-list-of-diseases/sexually_transmitted_diseases/coronavirus/coronavirus_travel_advisory.htm).
  o **Student drop off** at the marina will be structured with assigned times to have four students arrive in half-hour increments starting at 9:00 a.m. and ending by 4:00 p.m. (with a ½ hour lunch break for our boat pilots). Hand sanitizer will be available at the marina while students are interacting with staff. Students are required to be ready to prove they are prepared and ready to work together as a community to manage COVID by providing documentation (as indicated above) to CLBS staff at the marina and signing our behavioral agreement (*Appendix 3*). **Justification:** Orderly and efficient, with minimal interaction between families; clear demonstrated readiness and commitment to caring for self and community health, specifically as related to COVID.
  o **Testing** – All students who are not fully vaccinated must provide evidence of a negative PCR COVID test dated within the previous 5 days at the marina. Any unvaccinated student without a prior test result of negative, or any students with positive tests will be excluded from the program, with the exception of students presenting documentation of a positive diagnostic result for COVID-19 from the prior 90-day period and who have completed required isolation. All students will be screened (temperature check and questionnaire) upon arrival. Any student with a temperature of 100.4° F or greater will not be allowed on the boat going to the station. Any student testing positive (and without documentation of positive diagnostic result for COVID-19 in the prior 90 days will be transported to the marina.
to return home or housed in isolation at the Ranger School until arrangements are made in coordination with St. Lawrence County DOH for transportation home. We cannot, in such a short program (only 3 weeks) accommodate a student who is positive for COVID. *Justification: A baseline understanding of whether any of our incoming students are presently infected, knowing that this testing does have significant limitations (~75% accuracy), but this may enable us to detect and more rapidly isolate potentially infected individuals.*

- **Travel to Biostation from the CLBS marina** – Students will be transported to the station in an open-air boat with spacing to maximize distance between the boat pilot and students (6’ or as determined by St. Lawrence County DOH). Students will be assigned personal flotation devices (PFDs), which only they will use during their time on the station.

- **Continuous Social Distancing and Masking** will be strictly enforced throughout the three-week sessions. During this time, all students will be required to wear masks outside of their bunkhouses and occupy assigned seating in classrooms and in the dining hall. Further, students, instructors and staff will participate in daily COVID symptom screening. No off-station travel will be permitted except in emergency circumstances and with the station Director’s approval.

- **Quarantine/isolation capacity**: Four rooms in the TA lodge, which includes two separate bathrooms will be reserved for quarantine and the Caretaker cabin with its own bathroom will be set aside as isolation space for symptomatic or otherwise ill students (including flu, cold, or other communicable diseases). Students testing positive will be required to return to their home residence in coordination with St. Lawrence County DOH for long-term isolation.

- **Students will be required to bring any medications** with them, including at least a 21-day supply of prescription medications as well as over the counter (OTC) remedies such as pain killers (e.g., aspirin, Tylenol), anti-inflammatories and cold or flu medicines. CLBS personnel may pick up prescribed medications for students from the local pharmacy, if needed. *Justification: While CLBS personnel are able to pick up and deliver appropriately prescribed medications for students, we are not permitted to provide OTC medications to students.*

- **Non-Essential Visitors to CLBS will not be permitted.**

- **Students will not be allowed off-station.** Any student who leaves CLBS without Director approval may be expelled from the station at the discretion of the Director. Unsanctioned off-station activities will be considered a Student Code of Conduct Violation and referred to the ESF Dean of Student Affairs.

- **Use of vehicles is not permitted.** Vehicles are inaccessible from the remote station.

- **Student departure from CLBS at the end of the session will be structured** with assigned times for departure from the station and from the marina. Expected departure times are Friday afternoon of the third (and final) week of each session. Students will inform the CLBS staff of their plans for transportation from campus in order to provide for contact tracing should it be necessary.
• **Operational activity** – *Social distancing* and mask wearing are the primary recommended methods for minimizing spread of COVID. If an individual does contract the virus, *contact tracing* becomes an important aspect of the response, and we will coordinate contact tracing through the St. Lawrence County DOH.

  o **Bunkhouses** – A maximum of five students will be assigned per bunkhouse. Single rooms in the TA lodge will be preferentially designated to individuals with documented immunodeficiencies or other health related issues that would benefit from a non-shared residential space. Students will not enter bunkhouses other than their own.

  o **Dining hall** – Students living in the same bunkhouse will be assigned seating at the same table in the dining hall. Faculty and staff will likewise be assigned a table. Masks will be worn when individuals are not eating. The dining hall will be arranged to maintain >6’ spacing between individuals and will not exceed 50% capacity. Food service personnel will follow state guidelines\(^2\) in preparing and serving food.

  o **Student common areas** – Sanderson Lodge will be posted at 50% capacity for socializing and all individuals will maintain >6’ spacing. Smaller rooms, e.g., laundry room will be limited to 1 person at a time due to room size constraints.

  o **Teaching and Study Areas**
    - **Classrooms** – Seating will be assigned and capacity will be reduced to 50% with >6’ spacing between students spacing (~10–12 students). Surfaces will be disinfected in accordance with updated CDC guidelines:
      

      A disinfection log will be posted in each classroom to document each cleaning. Hand sanitizer will be provided in each classroom and their use required upon entering and leaving rooms. Masks required indoors and if unable to maintain distancing when outdoors. Course handouts placed in seating areas to reduce hand-to-hand transfer.

    - **Classroom 1, computer lab** – Seating will be assigned, with capacity reduced to 50% with >6’ distancing. Computer stations will be disinfected as per updated CDC guidelines. Before each use, the user will use hand sanitizer and disinfect the work station with alcohol-based disinfectant.

  o **Field Exercises** – Students will be assigned to fixed pools of 10–12 students and will only be assigned to work crews within that pool. This gives us the capability to rapidly identify the circle of students most likely to have interacted with infected individuals. While participating in field exercises, student groups will wear masks when unable to maintain >6’ distancing.

  - **Equipment Checkout and Use** – The goal is to minimize the exchange/rotation of equipment among team members during lab activities. Shared equipment will be checked out of the Business Office by instructors during the instructional

---

phase of the course. Students and instructors will sanitize equipment prior to each student use. During the group research phase of the course, one student per crew will be designated to check out equipment. Students will be responsible for sanitizing their hands and equipment upon each use or exchange within their group. To reduce traffic in the office and equipment room, only designated students will enter the office to check out or return equipment. Equipment will be wiped down with disinfectant prior to returning to the equipment room.

- **Personal Items** – Students shall bring sufficient food, water, insect repellent, disinfectant wipes, hand sanitizer, and similar items for themselves during field exercises. No student shall share food, water, or other personal items with other students at any time.

  - **Off-station staff and other personnel** – We will advocate for all station personnel to be vaccinated. All staff must complete the ESF COVID-19 questionnaire each day they work on site. Individuals showing a high temperature or other symptoms should stay home or immediately return home and contact their supervisor. Off-station personnel will be required to wear face coverings while inside buildings, or otherwise in close proximity to other personnel or students. *Justification: Minimize the risk posed by personnel who have regular contact with the general public.*

  - **All package deliveries are made to the marina** where they are retrieved by staff.

- **Operations** – Shifting from Session 1 to Session 2 and Session 3

  - **All bunkhouses will be cleaned** prior to move-in day. Bunkhouses will be supplied with disinfectant spray and washable microfiber cloths. Students will be responsible for keeping common and high-touch surfaces disinfected at least twice daily. A disinfection log will be posted in each bunkhouse to document daily cleanings.

  - **Potable water supply and wastewater treatment systems** will continue to be maintained following normal procedures.

- **Extracurriculars** – Extracurricular activities at the station are normally provided to students, with faculty or staff oversight. Such activities (e.g., canoe use, swimming, frisbee, volleyball, etc.) will follow usual protocols to maintain spacing (e.g., avoiding population centers, maintaining spacing between participants) and utilizing masks as appropriate.

- **Hygiene, cleaning and disinfection** – Station-wide protocols will be followed per state and college guidelines. This includes regular, cleaning and disinfection of common areas and repeated cleaning of high-touch areas locations such as doorknobs and handrails as per updated CDC guidelines. Disinfection logs will be posted in all buildings to document cleanings by staff, students and faculty. Washable microfiber cloths will be provided for all classroom spaces and student/faculty living spaces, and for staff who are responsible for regular campus-wide disinfection. Cloths will be gathered daily and laundered by staff. Hand sanitizer will be made available at the entrances of each campus building, and a supply will be available for students to replenish their personal bottles.

**MONITORING**

- **Testing** – All students and residential staff who are not fully vaccinated will be tested on the fourth day of instruction. Tests will be administered by College staff. Any student who tests positive will be placed in isolation (on the CLBS campus or the ESF Ranger
School) until transportation can be coordinated through St. Lawrence County DOH to leave the station. Contact tracing will be conducted by St. Lawrence County DOH.

- **Monitoring** – All students will be required to bring a personal thermometer for twice-daily temperature monitoring and to complete a daily log during their first 7 days on station (*Appendix 3*). Anyone experiencing a temperature >100.4°F and/or any COVID-like symptoms will immediately report to CLBS Director and will move to quarantine rooms in the TA lodge for daily monitoring and testing. We expect that students who must quarantine longer than 3–4 days will likely need to withdraw from the program given its short duration.

- **Testing frequency** – We expect to test students by mid-week of the first week of each session and suggest any student subsequently developing symptoms be tested. Wherever possible we will also collaborate with college personnel in implementing other monitoring protocols that may be available through the Syracuse campus.

- **Early warning signs and tracing** – Any positive tests will be communicated to St. Lawrence County health authorities and College officials. Due to the structured nature of daily instructional activities, we will be able to assist county officials with contact tracing related to any positive COVID-19 infections amongst CLBS staff or students.

**CONTAINMENT**

- **Quarantine/Isolation** – In the event a student has a fever, demonstrates COVID-like symptoms, has been in contact with a COVID-positive individual, or otherwise at the discretion of the Director will be moved to the ESF Ranger School or one of the TA Lodge rooms for precautionary quarantine. Quarantined students will have a private room and bath. Food will be delivered to quarantined students, and the Director or Office Manager will regularly check on students to ensure needs are being met. The individual’s health care professional may be consulted to advise on whether to test, and/or seek further medical attention. Students who are sick with non-COVID causes should remain isolated until they are well and/or are asymptomatic, and for at least 24 hrs after a fever has subsided. Students who require repeated quarantine measures, especially to the extent it impacts their ability to complete the program successfully, will be advised to withdraw. Counseling in the form of ‘virtual’ counseling with ESF counselors will be available at any time students need support.

- **Students confirmed or suspected to have COVID-19** – Individuals confirmed or suspected of having COVID-19 will be moved to the Ranger School for isolation and to coordinate with the St. Lawrence County DOH for transportation home. CLBS will maintain its Caretaker Residence as a single-person isolation space in the event the Ranger Station cannot accommodate an individual. Food will be provided. Local health care authorities will be notified and appropriate follow-up procedures implemented. Should symptoms worsen and/or medical care be needed, the Clifton-Fine Hospital and/or the individual’s preferred medical provider will be contacted. Sick students are expected to withdraw from the program and return home. Contact tracing will be implemented.

- **Hygiene, cleaning and disinfection** – Our staff are prepared with the appropriate supplies to clean and disinfect common areas and isolation quarters as needed. We may
implement a 72-hr waiting period prior to entering isolation or residential rooms that were occupied by COVID-positive individuals.

- **Communication** – The Director will be in regular contact with the Environmental Biology Chair, other college officials, and local health authorities. Protocols and safety measures will be evaluated and discussed daily during faculty and staff meetings (usually at dinner time), as well as daily meetings with facilities and food service supervisors. Email (see examples of such planned email correspondences in Appendices 4 and 5) or telephone communications may also be used to discuss issues between these regularly scheduled meetings. Information will be shared with students through daily CLBS student meetings, and by email and other means as appropriate. Messaging may also be made available to parents via email, or if warranted, in a ‘live’ virtual meeting platform.

**SHUTDOWN**

- **Operational Activity** – We will continue to consult with college leadership in Syracuse and with local public health authorities in St. Lawrence County to determine whether a shut-down is warranted. If a shutdown occurs, that session or sessions will necessarily be canceled. At that point, the program will need to be reviewed and protocols revised or offered in summer 2022.

- **Move Out** – In the event a move-out is required, we will follow the same protocols as for the last day of a completed program. This is a structured approach that minimizes contact with members of the general public who are arriving to pick up students. Students who are from out of state or have difficulty making arrangements to depart may be given special consideration to remain in place while making these arrangements.

- **Communication** – The CLBS Director and staff will maintain contact with college leadership regarding recommended policies and procedures and adapt as necessary to the CLBS scenario. We will communicate with our students daily to keep them informed of the process and any major changes we anticipate or plan to enact. Other platforms of communication may include email and virtual meetings via Zoom. Virtual meeting platforms allow direct interaction between students and main station personnel if needed as well as provide us with the ability to hold town hall type sessions for families to answer any questions and concerns.

**Indiana State University (ISU) Researchers**

There will be 3–5 researchers from Indiana State University on the CLBS campus during the entire summer session. These researchers will follow the required COVID procedures from ISU as well as applicable New York State COVID procedures, including adhering to NYS Travel Advisory requirements, which include a 10-day in-state quarantine, or a combination of testing with reduced quarantine duration. These will be clearly addressed in the Temporary Revocable Permit (TRP) approved by SUNY ESF counsel and the ISU counsel. ISU researchers will be in a separate cabin, will arrive well before the first summer session starts (beyond any 14-day quarantine period that might still be in place), and as always, they will interact minimally with EFB202 students – e.g., they leave for the field early (~4:00 AM) and at the most may pass students in the quad as they return from the field around 2:00–3:00 PM. Any offsite travel of ISU personnel will be conducted with appropriate COVID protocols and for official business only.
Appendix 1: Daily Screening Log to be completed by all students and presented to CLBS staff at the CLBS marina upon arrival.

CLBS 14-day Journal for Coronavirus Screening

ALL STUDENTS ARE REQUIRED TO COMPLETE THIS LOG DAILY FOR 2 WEEKS PRIOR TO SESSION START

Name ___________________________ Phone Number __________________________

In order to safeguard our SUNY ESF Cranberry Lake Biological Station personnel and instructors and to prevent community spread of the novel coronavirus, all students should take their own temperature twice daily, and ask themselves these questions.

1. Do you have a fever > 100.4°F?

2. Have you had COVID-like symptoms (cough, shortness of breath, fever, chills, muscle pain, sore throat, loss of taste/smell) in the last 14 days NOT due to a known health condition?

3. Have you had close contact with confirmed or suspected COVID-19 cases in the last 14 days?

4. Have you been in contact with anyone outside your immediate household unit without wearing a mask and without social distancing?

5. Have you travelled outside of New York to a non-contiguous state? OR Will you be arriving from a non-contiguous state? If ‘yes,’ to either, please check the Travel Advisory and comply with any instructions: (https://coronavirus.health.ny.gov/covid-19-travel-advisory)

If any of your answers to any of these questions are “YES,” please inform the CLBS Business Manager immediately via email at CLBS@esf.edu.

Please complete the table below. Record your temperature in degrees Fahrenheit.

<table>
<thead>
<tr>
<th>Start Date for Session 1/2/3</th>
<th>Temp (am)</th>
<th>Temp (pm)</th>
<th>Q1 Yes or No?</th>
<th>Q2 Yes or No?</th>
<th>Q3 Yes or No?</th>
<th>Q4 Yes or No?</th>
<th>Q5 Yes or No?</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 15/June 5/June 26</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 16/June 6/June 27</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 17/June 7/June 28</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 18/June 8/June 29</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 19/June 9/June 30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 20/June 10/July 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 21/June 11/July 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 22/June 12/July 3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 23/June 13/July 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 24/June 14/July 5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 25/June 15/July 6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 26/June 16/July 7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 27/June 17/July 8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 28/June 18/July 9</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 29/June 19/July 10</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>May 30/June 20/July 11</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Appendix 2. Questionnaire to be completed by students at the Marina.

Coronavirus Questionnaire

Name ______________________________________ Date ______________________

Phone # __________________

In order to safeguard SUNY ESF CLBS and prevent community spread of the novel coronavirus, there are a few questions that we all should ask ourselves prior to arriving at CLBS:

1. Do you have, or have you had, symptoms of acute respiratory illness or fever within the previous 14 days? Circle one: Yes  No

2. Do you share a living residence with someone who has had symptoms of acute respiratory illness or fever within the previous 14 days? Circle one: Yes  No

3. Do you share a living residence with someone who has had contact with anyone known to have COVID or who has symptoms of acute respiratory illness or fever? Circle one: Yes  No

4. Are you required by the NYS DOH to be under mandatory or self-quarantine? Circle one: Yes  No

5. Have you or anyone you share a residence travelled outside of New York to a non-contiguous state? OR did you arrive from a non-contiguous state? If ‘yes,’ to either, please check the Travel Advisory and comply with any instructions: (https://coronavirus.health.ny.gov/covid-19-travel-advisory) Circle one: Yes  No

If any of your answers to any of these questions are “YES,” then you should not be present or working upon SUNY ESF property, and should leave immediately.

Please acknowledge your understanding of the aforementioned, by signing below. If your information changes, please contact the CLBS Director at CLBS@esf.edu to report the change.

Signed _____________________________ Date __________________

SUNY ESF appreciates your diligence in adhering to the social distancing protocols that have been recommended by the US CDC and enacted under Executive Orders of the Governor of the State of New York, Andrew Cuomo.
Appendix 3: Questionnaire to be completed by students daily for the first 7 days.

Coronavirus Questionnaire

Name _________________________________

In order to safeguard our SUNY ESF CLBS personnel and students, and to prevent community spread of COVID, please take your temperature twice daily, and ask yourselves these questions.

1. Do you have a fever > 100.4° F?

2. Are you experiencing COVID-like symptoms (cough, shortness of breath, fever, chills, muscle pain, sore throat, loss of taste/smell) NOT due to a known health condition?

If any of your answers to any of these questions are “YES,” please inform the CLBS Business Manager via email at CLBS@esf.edu immediately.

Please complete the table below. Record your temperature in degrees Fahrenheit.

<table>
<thead>
<tr>
<th>Start Date for Session 1/2/3</th>
<th>Temp (am)</th>
<th>Temp (pm)</th>
<th>Q1 Yes or No?</th>
<th>Q2 Yes or No?</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 1/June 21/July 12</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>June 2/June 22/July 13</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>June 3/June 23/July 14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>June 4/June 24/July 15</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>June 5/June 25/July 16</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>June 6/June 26/July 17</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>June 7/June 27/July 18</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Please acknowledge your understanding of the aforementioned, by signing below. If your information changes, please contact CLBS staff immediately to report the change.

Signed ________________________________________________ Date _________________

SUNY ESF appreciates your diligence in adhering to the social distancing protocols that have been recommended by the US CDC and enacted under Executive Orders of the Governor of the State of New York, Andrew Cuomo.
Appendix 4. Behavioral Agreement to be signed by students upon arrival to the Marina.

Being a part of the CLBS program means each of us must take steps to stay healthy and protect each other on station. The CLBS community, including students, will be expected to observe all state and local guidelines on personal safety and responsibility during the COVID pandemic. This pledge clarifies the expectations of CLBS students and confirms each individual’s pledge to take responsibility for their own health, the protection of others and help keep the Summer Program community safe from spread of COVID-19.

By joining the CLBS Program, I pledge to:
(Please initial at the end of each line and sign at the end of the document)

Monitor & Care

Daily Health Check, Testing, and Contact Tracing Protocols: I will bring a personal thermometer and monitor my temperature and conduct a daily health check. If I have a change in my health status, I will provide accurate and complete information. ______

I will notify the CLBS Director or Office Manager if I am sick with COVID-19 symptoms (fever or chills; cough, shortness of breath or difficulty breathing, fatigue, muscle or body aches, headache, loss of taste or smell, sore throat, congestion or runny nose, nausea or vomiting, and diarrhea) ______

I will notify the CLBS Director or Office Manager if I have been exposed to someone who has tested positive for COVID-19. ______

I will follow the College’s protocols and instructions for isolation or quarantine. ______

Practicing Daily Self-Care: To the best of my ability, I will support my overall wellness. ______

Prevention

Face Covering: I will adhere to the guidelines for wearing a face covering. ______

Hand Hygiene: I will practice proper hand washing/sanitizing etiquette. ______

Respiratory: I will practice proper respiratory etiquette (covering my cough, sneeze). ______

Social Gatherings: Recognizing that some people without symptoms may be able to spread the virus, I will practice physical distancing when meeting in smaller groups and will wear my face covering. ______

Providing Space

Physical Distancing: I will take daily precautions to keep space between myself and others (6 ft distance, two arm lengths). ______

Observing Space Restrictions: I recognize that personal safety measures must be taken at all times, including in common spaces during off-class time. Accordingly, I will adhere to all rules and guidelines for the use of common spaces at CLBS. ______

General Considerations

During this time of the COVID Pandemic, I will treat my peers and CLBS staff with the respect every human being deserves. ______

Provide Support — recognizing that this is a stressful and overwhelming time, I will also do what I can to support others in my community by listening and assisting when I can. I will employ patience and understanding, knowing that this is a dynamic situation. I will make efforts to be part of the solution. ______

Printed Name: ___________________________ Date: _______________

Signature: ___________________________
Appendix 5. Move-In Instructions to be Communicated to CLBS Students

Coming to CLBS: What Students Should Know

DATE: March 14, 2021

Dear CLBS Students,

Welcome to the CLBS Class of 2021! We are excited to have you join our community for the upcoming Program. To ensure the safety of yourselves and all our community, we are working with our colleagues at SUNY-ESF to follow the latest science and have also partnered with local medical professionals in the Clifton-Fine area, to devise a series of precautionary measures designed to bring incoming CLBS students together as safely as possible. We recognize these measures may seem burdensome, but by adhering to them before and during sessions, we hope to emerge with a safe and healthy community ready to focus on learning.

ARRIVAL: We are asking all students to prepare for and adhere to the following measures:

- Every student should begin a self-quarantine and fill out a daily log starting 14 days before coming to CLBS.

- If during the 14 days prior to arrival at CLBS you were exposed by an immediate household member or close contact who received a positive COVID test result, or any other situation where you were exposed to a COVID-positive situation resulting in a Department of Health (DOH) recommended quarantine, you are required to:
  - inform Dr. Vanessa Rojas, CLBS Director, immediately by email (CLBS@esf.edu), and discuss next steps;
  - provide a written statement describing the situation and date(s) of your exposure and a written affirmation that you completed the quarantine as directed by your local health department; and
  - as below, acquire a negative PCR COVID test within 5 days of arriving at CLBS.

- Any students with recent travel to or arrival from non-contiguous states must follow guidelines posted in the NY Travel Advisory: COVID-19 Travel Advisory | Department of Health (ny.gov).

- Every student should arrange for a PCR COVID test to be conducted 5 days prior to coming to station (May 30 for Session 1, June 20 for Session 2, and July 11 for Session 3). Contact your local county health department or your health care provider to locate a testing site near you. NOTE: Insurance companies may not cover this cost. In the state of New York, you may expect to pay approximately $130 for this test out-of-pocket.

- Bring your test result with you on move-in day. In order to be permitted onto the station you need to:
  - be fully vaccinated (received all necessary doses) at least two weeks prior to arrival;
  - present a negative PCR COVID test result conducted within 5 days prior to arriving at the station;
  - present evidence of a positive diagnostic result for COVID-19 during the 90-day period before the beginning of the session along with a written affirmation indicating you completed the subsequent quarantine as required by the Department of Health after receiving the positive test. You may scan and email your signed affirmation to the CLBS Director, Dr. Vanessa Rojas at CLBS@esf.edu.

If you do not bring with you and present a vaccination certificate or a negative PCR COVID test result from within 5 days prior to arriving at the station, or if your test result is positive, or if you are still undergoing mandated quarantine upon move-in day, you WILL NOT be permitted onto the station and will be withdrawn from the session. Contact the CLBS Director.
Before the start of each session, you will sign up through an online document for a specific time slot to be at the CLBS Marina. We will collect contact information for all people who accompany you to the station should contact tracing become necessary. There will be an opportunity for students who live far away to request later arrival time slots.

You will undergo a temperature check and answer screening questions upon arrival. Any student arriving to station with a temperature of 100.4° or higher will be automatically quarantined at the nearby Ranger School for at least one day, regardless of their pre-arrival test results. If sickness persists for more than a day, it is likely that the student will be directed to withdraw from the CLBS program and to make arrangements through the St. Lawrence County Dept. of Health to be transported home.

Every student who is not fully vaccinated will be tested on the Wednesday during the first week of each session. These will be at NO COST to students.

Stationwide COVID Protocols - Students should be prepared for the following procedures as regular practice:

- **Daily screenings** will include regular temperature checks and self-check for symptoms as directed. Any student displaying a temperature or symptoms will be quarantined and may be tested at the discretion of local medical professionals.
- **Masks** will be worn inside at all times, and outside when in groups. Masks may be removed only when students are in their own cabins or while eating.
- **Physical distancing** will be practiced at all times in compliance with New York state guidance. Everyone at the station will maintain a minimum 6’ distance when indoors (including in classrooms, and while eating and socializing indoors).
- **Assigned seating** will be observed in classrooms and the dining hall.
- In an effort to reduce contacts while at the station, **students will be assigned to groups**, which will be housed together in the bunkhouses, participate in daily instructional activities together, and eat together within an assigned area in the dining hall. Students may not visit indoors in other’s bunkhouses.
- **Hand washing/sanitizing** will be practiced diligently and regularly. Staff, instructors and students will be asked to sanitize surfaces daily, immediately prior to instruction, and before using laboratory and field equipment.
- **Common areas** will be open. Room capacity limits must be observed and physical distancing maintained.
- **Visitors will not be permitted** on station. You will have opportunity to visit with family and friends during non-class hours via phone or social media.
- **No student will be permitted to leave station** unless it is with Director approval, a sponsored/authorized trip, or for a health/medical emergency.

Individual Quarantine/Isolation Protocols

- Any student requiring quarantine or isolation will be housed in a private room at the ESF Ranger School.
- **Meals** will be brought to the quarantined/isolated students. Individuals are not to leave the room for any non-essential medical reason.
- **Clifton-Fine Hospital personnel will be notified** of sick students and will provide COVID testing if deemed necessary. Tele-medicine technology will allow medical personnel to interact with sick students, and to provide regular monitoring and care in the case of COVID-positive students. Students may wish to consider designating Clifton-Fine Community Health Center as a ‘secondary primary’ provider with their insurance companies while at CLBS, to facilitate the provision of any needed services.
- **Field-based instruction will likely not be able to be made up remotely** – the field-based, experiential learning program is not well suited to virtual environments. If students must quarantine for extended periods, we will recommend a withdrawal from the course. Students will make arrangements to be transported home in coordination with the St. Lawrence County Department of Health. Depending on the
timing of quarantine/isolation students may continue participating in group research activities and remain enrolled in the course. For this reason we strongly recommend every student bring a laptop computer with wireless capabilities. We may be able to provide college-loaned computers if needed.

**Sanctioned activities.** Students are otherwise encouraged to get outdoors, enjoy the trails and canoeing, go fishing (with a current license), etc. just make sure you are enjoying the company of your fellow students only, and not interacting with members of the public.