



**Yale University “Reopen Connecticut” Phase 3 Plan  
August 5, 2020**

**Background**

As provided in the May 8, 2020 Report of the Higher Education Subcommittee, Reopen Connecticut (Report) and the July 17, 2020 template issued by the State Lead for Higher Education Reopening (Template), Yale University (Yale) is submitting to the Connecticut Department of Public Health this Phase 3 Plan (Phase 3 Plan). Yale submits this Phase 3 Plan to inform the State as to how and under what conditions Yale is returning students to campus for the fall semester 2020. Yale is also enclosing its May 27, 2020 Department of Economic and Community Development (DECD) registration certificate.

Yale registered with the DECD and filed its Phase 1 Plan with the Department of Public Health and the State Lead for Higher Education Reopening on May 27. Yale filed its Phase 2 Plan with the Department of Public Health and the State Lead for Higher Education Reopening on July 7, 2020. Yale developed this Phase 3 Plan in accordance with the Report, the Template, and applicable Executive Orders and DECD Sector Rules issued pursuant to those Executive Orders.

Yale’s Phase 3 Plan addresses the return of students, faculty and staff to campus to participate in educational and research programs for the fall semester 2020. Specifically, it addresses four aspects: repopulation of the campus; monitoring the health of students, faculty and staff; containing cases that develop; and shutting down the campus in the event it becomes necessary.

*COVID-19 Coordinator.* Yale has appointed Dr. Stephanie Spangler, Vice Provost for Health Affairs and Academic Integrity and Clinical Professor of Obstetrics, Gynecology and Reproductive Sciences, as Yale’s COVID-19 Coordinator. Dr. Spangler’s email is [stephanie.spangler@yale.edu](mailto:stephanie.spangler@yale.edu) and her cell phone is 203 605 0664. Dr. Spangler will continue to convene Yale’s Public Health Advisory Committee to assist in monitoring the status of transmission on the Yale campus. She will also liaise with the coordinators at the other colleges and universities who will convene periodically during the fall semester 2020 (and beyond if needed), and provide reporting to external stakeholders when requested.

*Program Administrator.* In addition, Yale has appointed Nancy Loucks, Director of Yale’s Office of Enterprise Risk Management, as the university’s COVID-19 Program Administrator. Ms. Loucks will continue to convene the university’s reactivation committee to monitor and support the implementation of Yale’s obligations pursuant to the Governor’s Executive Orders and the State of Connecticut Sector Rules issued pursuant to such orders.

Yale undergraduate students living on campus will arrive beginning August 24, 2020. Yale College classes will begin August 31. Classes for the Yale School of Medicine class of 2024 will begin on August 10, on September 1 for the class of 2023, and on August 17 for the physician assistants program class of 2022. Classes for the Graduate School and all other professional schools will begin on dates on or after August 24.

Yale will discontinue on-campus academic activities for Yale College at the beginning of Thanksgiving break, and students will complete the semester remotely.

## **Part 1: Repopulation of the Campus**

*Classrooms.* Working with Yale's Departments of Environmental Health and Safety (EHS) and Facilities and informed by guidelines from the State of Connecticut, the Centers for Disease Control and Prevention (CDC), and technical organizations, such as the American Society for Heating, Refrigeration and Air-Conditioning Engineers, Yale is adapting its classrooms, seminar rooms and lecture halls in order to achieve proper occupancy requirements, optimize building system performance to improve ventilation and air filtration, increase signage, and enhance cleaning protocols.

Yale uses several measures to achieve proper occupancy limitations for classrooms. The most restrictive measure applies to spaces where there is no mechanical ventilation and windows do not exist or are not operable to achieve natural ventilation, in which case the room is closed. For rooms where there is no mechanical ventilation and natural ventilation is achieved through operable windows, Yale is using 150 square feet/person or 50 percent of usual occupancy, whichever yields a more restrictive occupancy. Yale is also applying these criteria to rooms that it cannot configure to clearly indicate how to maintain 6-foot social-distancing, such as large open rooms with no furniture or circulation markers; as an additional best practice, Yale is encouraging occupants to limit the duration of their occupancy to a maximum of three hours at a time in these spaces.

In all other cases, Yale is applying either the six-foot social distancing measure, including spacing at entrances and exits allowing for irregularities in room footprint such as columns and room shape, or the 50 percent usual occupancy limit, and deploying whichever is most restrictive. Yale's engineering team has assessed Heating, Ventilation, Air Conditioning (HVAC) system operating recommendations for university buildings, and the classrooms have been inspected by Yale's Physical Plant staff to optimize fresh outside air and filtration. In cases where occupants cannot maintain six feet social distancing, such as a lab environment, EHS has provided appropriate personal protective equipment and information on additional disinfection measures.

Based on these occupancy limitations, Yale has developed a plan for each classroom that represents the maximum seating capacity, and is arranging the seating according to that plan and removing, or stacking and locking, any furniture not consistent with the plan. Seats in auditoriums that are not available due to six-foot social distancing requirements are strapped

such that those seats cannot be used. Signage outside the classroom indicates maximum occupancy and reminds occupants that face coverings and social distancing are required.

Yale is increasing its cleaning and disinfection protocols, including the completion of a thorough cleaning and disinfection of all public spaces, corridors, and classrooms prior to the return of students; placing hand sanitizer stands at all building entry points and in major interior public spaces; cleaning and disinfecting classrooms once per day; and providing disinfecting wipes in each classroom for users to disinfect the spaces they use before and after each use. Once a day Yale will disinfect frequently-touched surfaces throughout a building's public spaces; and each day Yale will assure that classrooms and furniture continue to meet six-foot social distancing plans and interior doors remain propped open.

*Dining Halls.* Working with the departments of EHS, Facilities, and Hospitality (which includes all Yale food service facilities and programs) and informed by the State of Connecticut Sector Rules for Restaurants and the National Restaurant Association's COVID-19 guidance, Yale has developed the following health and safety measures for the delivery of food service in Yale's dining facilities that will be open during the fall semester of 2020. Yale has appointed Rafi Taherian, Associate Vice President for Yale Hospitality, as the program administrator for the implementation of these measures.

Dedensification. Dining facilities will extend the hours of operation, and seating capacity will be limited to less than 50 percent and is expected to be on average 18-38 percent. Additional seating will be available in courtyards, common areas, and specific library locations.

Social distancing. Dining Services will modify employees' schedules in kitchens and service areas to allow for six-foot social distancing. Seating will provide six-foot social distancing where feasible, and Dining Services will install specifically designed plexiglass barriers on tables in dining areas where six-foot social distancing is impracticable. Yale believes such barriers provide a level of protection commensurate with the State of Connecticut guidance for the use of plexiglass in restaurant seating.

There are no indoor waiting areas in dining facilities. There will be separate entrances and exits and one-way flow through each food service area. Entrances will be marked with six-foot social distancing markers.

Personal protective equipment (PPE). Yale is providing appropriate personal protective equipment for dining staff according to their type of work and will require frequent changes of masks and gloves. Students, faculty, and staff who eat in the dining halls must wear masks except when seated at their tables.

Cleaning and disinfecting. Yale will provide hand sanitizers and hand-washing stations in work areas; and dedicated staff members will continuously clean and disinfect tables and service areas.

Monitoring of employee and public health and safety measures. Dining services staff will complete Yale's daily health check-in and will engage in an additional check-in process with their manager before commencing their shifts; and Yale's testing program will test on a weekly basis dining staff who have substantial interaction with students. Dining services is also using an online application to track employee adherence to public health and safety measures.

Signage. Dining services will place six-foot social distance markers on the floors. Reminders regarding sanitizing hands, wearing masks and maintaining six-foot social distancing will be posted at entrances and multiple other locations. Electronic menu boards and web-based interface with diners will assist with touchless menu information and accommodate dietary restrictions/allergies.

Menu and service. There will be no self-service options (salad bar, desserts, etc.), and staff who assist in providing customized options for diners with dietary restrictions will do so using six-foot social distancing and/or plexiglass barriers. Grab-N-Go, Take-Out options and Pre-Ordered meals using disposable service wear and packaging will be available in all dining locations. Condiments will be available in pre-packaged single servings.

*Athletics.* The Ivy League has prohibited participation in intercollegiate competition prior to the end of the fall semester. The health and safety program administrator who is responsible for implementing these guidelines in athletics facilities is Ann-Marie Guglieri, Deputy Director of Athletics.

Gymnasium and other athletics facilities. The gymnasium and other athletics facilities will follow Yale's guidelines for building occupancy described above for classrooms, and the State Sector Rules for Sports, Sport Clubs & Complexes, Gyms, Fitness Centers and Pools. Based on these occupancy limitations, Yale has determined a maximum occupancy for each room in Payne Whitney Gymnasium. Many areas of the Gym, including locker rooms, some rest rooms, rooms without mechanical ventilation or operable windows, and all water fountains (except bottle filling stations) will be closed. Yale is increasing its cleaning and disinfection protocols, including the completion thorough cleaning and disinfection of all spaces prior to the return of students; placing hand sanitizer stands at all building entry points and in major interior public spaces; and providing disinfecting wipes in each room for users to disinfect the spaces they use before and after each use.

The use of Payne Whitney Gymnasium will be limited to students enrolled and in residence. The Gym will be closed to faculty, staff, and the public.

Care of Athletes. In addition to participating in Yale's testing program, athletes prior to returning to campus will provide medical histories, including any prior incidence of or exposure to COVID-19, and will engage in telehealth appointments with the team physicians. During the fall semester 2020, team physicians and training staff will conduct

routine and non-urgent care by telehealth appointments. Yale will provide athletic training staff with appropriate personal protective equipment necessary to conduct in-person treatments.

Training activities. Athletic training facilities and services will be available only to in-residence, enrolled student-athletes. Outdoor/sideline spaces will be used, when team physicians permit, for activities such as taping/bracing, injury assessment, and stretching. Indoor athletic training spaces will have one-way traffic separating entrance and exit, and doors will remain open where possible.

Athletic training staff at midday, and custodial staff after hours, will clean and disinfect frequently used spaces. Athletic training staff will disinfect treatment tables before and after patient use and rehabilitation equipment at the conclusion of exercises. Prior to the beginning of the fall semester 2020, athletics staff will remove all non-essential items from athletic training rooms.

With the exception of acute injuries/care and emergencies, the use of athletic training facilities will be by appointment only, including appointments for taping/bracing, ice/heat/modalities, injury assessment, etc. Athletes will not be permitted to bring personal belongings into athletic training rooms (backpacks, sneakers, equipment, etc.), and they must arrive for athletic training sessions in proper attire. Athletes will text/call their trainer upon arrival and wait in the hallway for their trainer to escort them into the training room.

Practice Activities. The Department of Athletics will follow guidelines approved by the Ivy League Council of Presidents for practice activities. Using a three-phase approach, the guidelines are intended to protect the health and well-being of the student-athletes, coaches, staff, and the campus community.

- Phase I: Conditioning and Virtual Team Meetings. Athletes may participate in up to one hour per day of weight training and conditioning with six-foot social distancing and engage in virtual meetings with coaches.

After a minimum of one week if there is no evidence of virus transmission among team members, Yale will consider progressing to Phase II.

- Phase II: Small Group Activities. While maintaining six-foot social distancing, athletes may participate in up to two hours per day of sport-specific activity and conditioning/weight training, and engage in in-person meetings in groups of no more than ten.

After a minimum of one week if there is no evidence of virus transmission among team members, Yale will consider progressing to Phase III.

- Phase III: Mid-size Group and Additional Activities. Athletes may participate in sport-specific practice activity including on-field play contact, close drills, intra-squad scrimmaging, and strength and conditioning activities as determined by team physicians. Campus guidelines for these types of activities are under review by Yale’s public health experts.

Strength & Conditioning. Athletics will restrict two athletes to a strength rack at one time and will assign athletes to a specific lift time and rack number. Strength coaches will wear protective gloves and masks and will replace the gloves between scheduled lifts. Strength coaches may assist with spotting, followed by proper sanitization after the lift. After a session is complete, the coaches present in the weight room will clean and disinfect all equipment. Each coach will be assigned to one section of the room to ensure all surfaces are properly cleaned. Prior to the start of the fall semester 2020, athletics staff will remove the following equipment from all weight rooms: all foam-based items including foam rollers and mats and rope handles; medicine balls; plyometric boxes; rogue echo bikes; and chalk buckets.

All conditioning will take place outside of weight rooms and will require adherence to six-foot social distancing. Resistance training will also require six-foot social distancing. Athletics staff will prop open all doors when it is safe to do so.

Recreational programs. Yale will require that club and intramural sports adhere to the same facility protocols and participant counts that apply to varsity sports. There will be no competition or travel. Practice and any competition will be non-contact and will observe six-foot social-distancing.

*Spaces “where other groups congregate”*

Libraries. Informed by the State of Connecticut guidance for public libraries, Yale is restricting access to its libraries to those members of the Yale community authorized to be on campus. Michael Bell, Associate University Librarian, will be the library’s program administrator who will be accountable for implementing this guidance.

Yale is reducing seating for patrons to maintain six-foot social distancing and less than 50 percent occupancy and installing physical barriers at all service desks. The libraries are reducing seating in special collection reading rooms, which will be available only by appointment. Where possible, Yale is establishing separate entrances and exits to allow for one-way traffic.

Patrons will return materials only at book drops, and Yale will quarantine those materials for 48 hours before they are handled by staff. Yale is purchasing additional self-checkout machines to minimize circulation interactions with staff and reducing and/or spacing out computers for patron use to ensure six-foot social distance between them and such stations

will be disinfected between use. Yale has adjusted library building hours and access so that staff have designated times to work in the buildings when there are no patrons present.

Museums. The Peabody Natural History Museum will remain closed for a planned renovation. The Yale University Art Gallery and the Yale Center for British Art will be open for teaching and research needs of Yale faculty and students three days per week by appointment. Two to three days per week, the two museums will be open to the public. The public will register in advance using an online ticketing system. The tickets are free, and they designate a set time for the visit in order to control the number of visitors at any given time. Yale is installing physical barriers at the information and service desks. Signage will indicate a one-way flow of movement through the exhibits, along with six-foot social distancing markers. One day per week, the museums will be closed to everyone but staff to allow for their movement through the buildings to work with the collections on exhibit. Museum stores will not be open.

Other places groups congregate. Yale's seven cultural centers – the Afro-American Cultural Center, the Asian-American Cultural Center, La Casa Cultural de Julia de Burgos (the Latino Cultural Center), the Native American Cultural Center, the Office of LGBTQ Resources, the Chaplain's Office, and the Office of International Students and Scholars – will not be open for business as usual. These spaces may be used in limited ways, within public safety guidelines and with the approval of the Center Director.

Undergraduate students may reserve classroom spaces during evening and weekend hours. As described above, classroom spaces have been adapted to achieve proper occupancy requirements, optimize building system performance to improve ventilation and air filtration, increase signage, and enhance cleaning protocols.

*Shuttles.* In addition to the measures Yale introduced regarding its shuttle system during Phases 1 and 2 and in keeping with the Higher Education Subcommittee's Update #5, Yale is adding some supplementary safety measures to accommodate an increase in ridership resulting from the return of members of the Yale community to campus. All passengers will continue to occupy only the window seats and any unusable seat will have a physical barrier to prevent occupancy.

In order to allow passengers to sit in the window seat of each row, shuttles will have a flexible plastic barrier between passenger rows that extends from the ceiling of the vehicle to below the head rest and is as wide as both seats. Yale believes that the addition of this barrier will provide a level of protection equivalent to allowing passengers to sit in the window seat only in every other row. This measure will result in occupancy of 50 percent of usual capacity.

Drivers will be protected by a plastic enclosure. To the extent feasible on two door vehicles, passengers will use only the rear doors for boarding and alighting. Shuttle staff will disinfect high touch areas at the end of each loop and will clean and disinfect the entire vehicle nightly. Passengers must continue to wear masks at all times, and drivers must wear a mask whenever a

passenger is on board, and when they leave their enclosure and go into the public area of the vehicle. Air conditioning systems will continue to be set to fresh as opposed to recirculating air.

*Residence Halls.* Yale will thoroughly clean and sanitize all residential spaces, including bedrooms, bathrooms, and common spaces, before students arrive.

Undergraduate students. Undergraduates reside on campus in fourteen residential colleges and seven dormitories. The total undergraduate residential capacity is 5,443 residents housed in 4,096 separate bedrooms (2,749 singles and 1,347 doubles). There are 813 bathrooms in those residences, most of which are shared.

Yale's current projection for the fall semester is that approximately 2,100 students will live on-campus, all in single bedrooms, for an occupancy rate of less than 40%. On average, the ratio of occupants per bathroom will be 2.6 to 1. Yale is requiring all residents to wear masks and maintain six-foot social distancing from other residents at all times except when they are in their own room or suite.

Graduate and Professional School Student Housing. Yale provides on-campus housing for graduate and professional (G&P) school students in six apartment complexes and six dormitories. In the fall semester of 2020, Yale expects that 414 G&P students will live in the apartment complexes (some with their families) and 442 will live in the dormitories. There are a total of 138 bathrooms in the six dormitories, for an average of 3.2 residents per bathroom, and no more than two individuals may use the bathroom at one time. All residents must wear masks and maintain six-foot social distancing at all times except when they are in their own room or apartment.

Bathrooms. Yale staff will clean and disinfect all shared bathrooms in residential colleges and dormitory style housing twice per day seven days per week, using products that meet EPA's criteria for use against SARS-CoV-2. Prior to the arrival of students, Yale will inspect all bathroom ventilation systems to confirm that the bathroom has an exhaust system that is properly working and scheduled to be operating twenty-four hours per day, seven days per week. Where local switches control the bathroom exhaust, Yale will post signs instructing occupants to leave the fan on. If building codes do not require the bathroom to have an exhaust system, windows will be open where and when possible.

Every shared bathroom will have hands-free garbage bins and signage at the entrance informing or reminding residents to do the following:

- Observe capacity limits (based on six-foot social distancing)
- Minimize time
- Not use cell phones
- Not store personal items in shared bathrooms.
- Close toilet lids before flushing
- Use only a toilet or shower that is separated by physical barriers
- Maintain six-foot social distancing for sinks and open showers



If one or more of the residents who use a shared bathroom is quarantined because of close contact with a COVID-19 positive individual, no other resident may use the bathroom at the same time as the quarantined resident, and the quarantined resident must wipe down all surfaces both before and after use of the bathroom.

Student accommodations. Students who are at greater risk for complications from COVID-19 have the option of enrolling remotely. In addition, any student who has existing medical concerns can apply for a housing accommodation through Yale's Student Accessibility Services.

### *Orientation and Arrival*

Orientation. Prior to returning to campus, students must take an online training course that provides information on the transmission and containment of COVID-19 as well as the community health and safety measures Yale is requiring in order to inhibit its transmission. Each student must also agree to participate in and support these health and safety measures through the signing of a Community Compact that articulates the university's expectations with respect to the entire community's commitment to washing hands, wearing masks, maintaining six-foot social distancing, adhering to Yale's testing schedule, and supporting contact tracing. In addition to the standard orientation material which will be provided to all new students online, first-year undergraduate students will discuss the Community Compact and COVID-19 prevention strategies for a variety of social settings. They will also receive training on negotiating six-foot social distancing boundaries with suitemates and friends.

Student arrival. Yale will assign undergraduate students living on campus a two-hour arrival timeslot and provide explicit instructions in advance to ensure safe arrival, including adherence to six-foot social distancing requirements and wearing masks. Only one student will move in per entryway per timeslot. A staff member who will verify that the student has watched the training video and signed the Community Compact will greet the student upon arrival at curbside. Yale will provide a mask to anyone who does not have one. After the student's family loads the student's belongings in a cart and professional movers will transfer the belongings to the student's assigned room.

Before going to their room, the student will obtain their initial COVID-19 test. Once the student has completed the test, they will bring evidence to the check-in table to obtain their room key. This ensures that the movers will have vacated the room and the student has been tested. The student and their family may go to the student's room and may remain there for the remainder of the assigned timeslot at which time the family must depart campus and the student will remain in quarantine.

*Personal protective equipment: Masks.* All members of the Yale community must wear a mask or a face covering when in any space that can reasonably be expected to be shared (e.g.,

common work areas, hallways, and restrooms). Yale has informed the community of this requirement through numerous channels, including but not limited to “Research Reactivation” and “Return to Yale” training, email notices, and communications related to departmental and school safety plans being implemented across campus.

Yale buildings have signage in entrances that remind users to wear a mask, and Yale’s COVID-19 Coordinator sends weekly reminders to the community, some of which include information on the importance of wearing masks. To ensure that the Yale community has access to masks or face coverings, the university has procured masks, to support research and health care operations, and reusable cloth face coverings (three per person) for all members of the Yale community who are on campus. In addition, Yale has procured personal protective equipment needed for special populations on campus (e.g., health care workers, and kitchen or custodial staff) in amounts sufficient to meet the needs in the fall semester 2020.

*Disinfection.* The university is implementing a robust disinfection plan throughout campus operations. This plan includes but is not limited to the following: hand sanitizers available at entrances to all buildings, classrooms and dining halls; point-of-use wipes or EPA-approved disinfectant solutions available in all bathrooms, classrooms, and those shared spaces or equipment (e.g., copy machines, coffee stations) that will remain open for the fall semester 2020; reminders to community members to wash hands frequently; cleaning of public, corridor, and office spaces and bathrooms in accordance with the State’s general guidelines for businesses; cleaning and disinfecting frequently-touched surfaces (e.g. tables, doorknobs, light switches, countertops, handles, desks, phones, keyboards, toilet handle, faucets, sinks, etc.) twice per shift; and the strategic posting of disinfection procedures.

*Travel.* Yale is strongly discouraging out-of-state travel for all Yale community members. On-campus academic activities will conclude at Thanksgiving break so that students do not travel back to Connecticut to complete the fall semester 2020. While on campus, undergraduate students may travel only for emergencies, or with approval from their residential college deans’ offices for travel that is essential for educational or personal reasons. Yale expects all community members to abide by state requirements for any personal or work-related travel, and encourages anyone who must travel to wear masks or other face coverings and practice six-feet social distancing.

*Staffing.* Yale explicitly instructs members of the Yale community who have COVID-19 symptoms not to come to campus or leave their on-campus room, suite, or apartment and to contact Yale Health or their primary healthcare provider. For those who have a higher likelihood of serious illness from COVID-19, Yale is strongly encouraging faculty and staff not to come to campus and to work remotely if possible, or take advantage of Yale’s COVID-19 leave policies if remote work is not feasible; and is encouraging such students to enroll for remote participation or to take a leave of absence for the fall semester 2020. Individuals may discuss their particular situations with a human resources representative or their applicable dean.

## *Access to Campus*

Faculty and staff. Yale is continuing its policy that faculty and staff work from home if their work can be done from home. In Phase 1 and Phase 2, Yale managers and deans specifically authorized only those staff members or faculty whose work requires them to be on campus to return to campus. Yale managers and deans will do the same for Phase 3. Yale is tracking the presence of all faculty and staff on campus and requiring those who are authorized to be on campus to take health and safety training prior to their return and to complete a daily health check and confirm that they are not experiencing symptoms for each day that they are present on campus.

Students. Only those students who have been invited to return to campus for the fall semester 2020 will have access to university buildings.

Visitors. Yale's Visitor Center will remain closed. Yale will not allow short-term visitors (anyone staying on campus for less than a full semester) in the fall semester 2020. Permitted visiting scholars must comply with all Yale health and safety measures.

## **Part 2: Monitoring Health of Students, Faculty and Staff**

### *Testing Program*

Pre-arrival testing. All undergraduates living both on and off campus who have been invited to return to campus must obtain a pre-arrival test arranged through Quest Diagnostics within 14 days prior to travel. Students who test positive prior to arrival will delay travel to campus or New Haven for at least ten days, or ten days plus twenty-four hours free of fever (Isolation Period). Yale is strongly encouraging graduate and professional (G&P) students to obtain a pre-arrival test and the university will reimburse the cost. G&P students who receive a positive pre-arrival test will delay their travel for the Isolation Period.

Arrival testing. Upon their arrival on campus or in New Haven, Yale will test all undergraduates who have been invited to return to campus, whether those students are living on or off campus. Those students will quarantine in their room or suite, or apartment until the result of the initial test is returned. If the initial test is negative, undergraduates living in residential colleges or dorms will be able to move about within those facilities and the adjacent campus courtyards while wearing masks and observing six-foot social distancing for the remainder of the 14 day quarantine period from the date of arrival (Arrival Quarantine). Undergraduate students living on campus who have a positive initial test will move to Yale's dormitory for students in isolation (Isolation Dormitory). After the initial test, undergraduate students who live off-campus will quarantine in their apartments for Arrival Quarantine, and if their initial test is positive will isolate within a room in that apartment. If such students are unable to isolate in their off campus apartment, Yale will provide them a room in Yale's Isolation Dormitory.

G&P students will have a test as soon as possible after their arrival on campus or in New Haven, and will quarantine in their room or apartment, whether on or off campus, until the result of the initial test is returned. If the result of the initial test is negative, those G&P students who are not from states identified by the State of Connecticut as subject to mandatory Arrival Quarantine, together with Medical School, Nursing School and School of Public Health students who are exempt from mandatory Arrival Quarantine, will discontinue their quarantine. Those G&P students from states subject to mandatory Arrival Quarantine will complete their Arrival Quarantine in their room or apartment. If the result of the initial test is positive, the G&P student will isolate in their room or apartment. If such students are unable to isolate in their apartment, Yale will provide them a room in Yale's Isolation Dormitory.

Yale will offer arrival testing close to the start of the academic year to all faculty and staff who plan to work on campus.

Ongoing testing. All undergraduates who have been invited to return to campus and G&P students living on campus in high density dorm-style housing will receive testing twice weekly. Those undergraduate students living on campus whose test results are positive will move to Yale's Isolation Dormitory. Undergraduate students living off campus and G&P students whose results are positive will isolate in their residences. If such students are unable to isolate in their off-campus apartment, Yale will provide them a room in Yale's Isolation Dormitory. Students who test positive will undergo additional testing to determine their COVID-19 diagnosis.

Faculty and staff who have substantial interaction with undergraduates (e.g. those faculty and staff who work in residential colleges, coaches and athletic trainers, and security personnel) will participate in a weekly testing program. Additional asymptomatic testing will be available for all members of the Yale community should they have professional or training requirements, or specific concerns regarding exposure.

Symptomatic testing. For all members of the Yale community, symptomatic testing will be available through Yale Health or through the individual's primary healthcare provider. Undergraduates living on campus who experience COVID-19 symptoms will move to Yale's Isolation Dormitory and will remain in isolation until released by Yale Health. All other symptomatic members of the Yale community will isolate in their residences. All symptomatic members of the Yale community will receive appropriate medical support from Yale Health or their primary healthcare provider.

#### *Protocol for Collecting Information about COVID-19 cases*

Faculty and Staff. Yale has established procedures for when a community member working on campus self-identifies as having symptoms related to or has been diagnosed with COVID-19. If an individual informs their manager or dean that they are symptomatic, Yale has advised the manager or dean to instruct the individual to remain or return home, seek

medical advice, and keep the manager or dean informed. If an individual reports that they have tested positive for the virus, Yale has instructed managers and deans to contact the Campus COVID-19 Resource Line.

Trained individuals will reach out to the faculty or staff member to ask the individual to call Employee Health so that an employee health worker, following Department of Public Health guidelines, can work with the individual to identify others who may have been in close contact for notification and further instructions; give instruction to the manager or dean on how to provide information to others in the manager's or dean's department that an instance of the virus has been detected and ask those individuals to continue to self-monitor for symptoms; and contact Yale's EHS Department to assess if there is a need for additional cleaning of the individual's area/workspace.

Students. As a condition for return to campus for the fall semester 2020, Yale is requiring students to commit to certain obligations that include completing a daily health check and participating in twice weekly testing. Yale will monitor the results of both of these systems for information on the status of students. Students are also instructed to call the Yale COVID-19 Resource Line or Yale Health should they experience symptoms.

Tracking "hot spots". The Public Health Advisory Committee has developed parameters to monitor viral transmission, and Yale's Testing Team will use data from the testing program to identify potential "hot spots" and recommend measures to contain transmission. University leadership will implement these and other measures as appropriate to limit further transmission.

### **Part 3: Plan for Containment**

*Isolation Space.* In the fall semester 2020, Yale is reserving two of its undergraduate dormitories with a total of 2,227 single bedrooms in the Isolation Dormitory for any students who test positive for COVID-19. Yale's EHS staff will supervise contractors who will clean the Isolation Dormitory and deliver meals that Yale Hospitality will provide to isolated students so that they will not need to leave their rooms.

#### *Isolation Protocol*

Isolation. Yale Health will notify students who test positive for COVID-19 of the result of the test. Undergraduate students living on campus will relocate to the Isolation Dormitory, and undergraduate students living off campus and G&P students will isolate in their rooms or apartments. Yale Health will also send notifications to the Isolation Housing Team, the relevant deans, and the Contact Tracing Team. Yale Health will perform clinical check-ins on isolating students following a set schedule via phone and through an electronic wellness and symptom survey, and will provide medical support.

Contact Tracing. Yale's Contact Tracing Team will interview students who test positive and determine whether they have had any close contacts (defined as suitemates and others who meet the CDC guidelines of less than six-foot social distancing for greater than fifteen minutes) within the period including two days prior to the positive test or the onset of symptoms (Close Contact). Yale will instruct Close Contacts to quarantine in their residences. Yale Health will perform clinical check-ins via an electronic survey; the Contact Tracing Team will identify social support needs and provide appropriate referrals.

*Medical care for those isolated.* Yale Health clinicians will contact students who test positive for COVID-19 to assess their clinical status and provide medical guidance. Yale Health will provide such students with masks, thermometers, pulse oximeters, and antipyretics. Yale Health RN care managers will contact students daily to obtain temperature, pulse oximetry and symptom status. Students will complete a wellness and symptom survey daily that clinical staff will review. Yale Health has established escalation procedures to contact providers for clinical concerns and perform a telemedicine or in-person visit as clinically indicated or to provide a higher level of care if needed. Yale Health has an Acute Care Department that is open at all times, and a thirteen bed inpatient care facility with seven negative-pressure rooms staffed with providers and RNs. Yale Health or Yale New Haven Hospital can admit students in need of in-patient facility medical care.

*Quarantine Protocol.* If the Contact Tracing Team identifies a student as a Close Contact, the team will instruct that student to quarantine in their residence as directed. Quarantine will take place in the student's residence with no visitors permitted. The Isolation Housing Team will coordinate dining delivery to and laundry services for undergraduate students in quarantine in the residential colleges or dormitories. Suitemates who are all in quarantine will not need to wear masks while inside their suite. Individuals in quarantine when their suitemates are not quarantined must wear a mask in the common areas of the suite. Yale Health will perform clinical check-ins via an electronic survey; the Contact Tracing Team will identify social support needs and provide appropriate referrals.

*Contact tracing.* Yale's Contact Tracing Team will hire and train six full-time contact tracers. Contact tracers will interview individuals shortly after they receive a positive test result and Close Contacts. The Contact Tracing Team will also perform contact tracing for campus-based Close Contacts of staff and faculty. Communication and coordination with local health departments will be ongoing.

*Liaison with regional hospitals and health care facilities.* Yale Health and Yale Medicine are in close partnership with Yale New Haven Hospital and its affiliated hospitals. Regular calls with liaisons have been occurring throughout the COVID-19 pandemic, with dashboard data shared on hospital admissions, capacity, and ICU information. Yale Health engages in routine contact with key personnel at YNHH Occupational Health, Infection Prevention, and Emergency Departments.

#### **Part 4: Plan for Shutdown**

*Shutdown initiated by the institution if a serious outbreak occurs on campus.* Yale's Public Health Advisory Committee will continue to advise Yale in its response to COVID-19. Among its other activities, that committee monitors the status of viral transmission locally and at the state and national levels and tracks developments in testing, treatment, and prevention methodologies.

In the event the Public Health Advisory Committee determines that re-emergence of community transmission of the virus is suspected among Yale community members, Yale will return to its remote working, research, and teaching protocols, either for specific laboratories or facilities of concern or for the broader non-essential workforce, depending on the circumstances, for at least fourteen days until the extent of potential transmission can be assessed. At all times, Yale will follow any Executive Order from the Governor regarding any resurgence of the virus and necessary mitigation measures.

*Shutdown of the State .* If the Governor or other authorized official issues orders affecting Yale's operations, Yale will follow those orders. Yale will also monitor and make appropriate adjustments to its policies and procedures to adapt to any relevant additional guidance from the Governor or the Commissioner of Public Health. In the event the Governor orders a shutdown of the university, Yale will facilitate the departure, as permitted by state requirements then in effect, of undergraduate students who are not in quarantine or isolation. Yale will continue to provide support and care for those students until they are released by Yale Health.

*Plan for continuation of instruction if a shutdown occurs.* Yale fully intends to continue instruction online wherever possible if a shutdown occurs. In the Faculty of Arts and Sciences, which includes Yale College and the Graduate School of Arts and Sciences (GSAS), faculty are already teaching the vast majority of classes predominantly or exclusively online. That instruction would continue should a shut-down be necessary.

Faculty are teaching a small number of classes in Yale College and certain seminars in GSAS in hybrid format: those classes have an in-person component for those who are on campus, supplemented by online access to allow full participation by students who are studying remotely either temporarily (due to short-term isolation or quarantine) or long-term (because they are living outside of New Haven or are at higher risk of serious consequences from contracting COVID-19). For those classes, there would be only a minor pivot if a shut-down occurred; instruction would move to online for all enrolled students.

Faculty are teaching an even smaller number of classes – laboratory classes in the sciences and a handful of classes that make use of collections in the libraries or museums –in person. Each of those classes is developing a contingency plan for continuation if a shut-down occurs that would adjust the requirements of the course and allow for instruction to move online for all enrolled students.