Annex R: Pandemic Influenza Response

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I. Purpose and Scope

The University of Minnesota response to an influenza pandemic will be guided by the Emergency Operations Plan. Due to the complicated issues posed by a pandemic and the anticipated extended length of time needed for response, additional planning is warranted to supplement the Emergency Operations Plan. This annex is designed to provide additional emergency response guidance developed specifically for a pandemic influenza event.

This annex is intended to supplement, not replace, other Annexes within the Emergency Operations Plan. It provides a basic framework for anticipated pandemic influenza response actions on campus and delineates department-level responsibilities for those responses. Detailed standard operating procedures and additional guidelines are maintained and updated at the department level and are referenced here.

II. Background

In May, 2005, the University of Minnesota conducted a pandemic influenza tabletop exercise to explore the unique challenges faced in the university campus setting, and to further refine the respective response roles of the University, state health department, local health departments, and the University of Minnesota Medical Center. Based upon lessons learned from that exercise, as well as federal and state pandemic influenza response guidelines, a series of planning activities were initiated from 2005 – 2007. Extensive assessments were completed in key response areas across the University through a combination of individual assignments, informal workgroups, formal task forces, and subcommittees. Although an extensive amount of work has been completed and is reflected in this annex and in standard operating procedures and guidelines held at the department level, work continues on many fronts. This annex will be updated on an annual basis to reflect additional campus-level planning and additions or modifications to state and federal pandemic influenza response guidelines.

Correspondingly, at the University of Minnesota Crookston a Pandemic Influenza Committee began to meet on January, 2006. This committee has worked to address the same issues for the UMC campus.

III. Direction and Control/Internal Coordination

As outlined in the Twin Cities Campus Emergency Operations Plan, Annex B – Direction and Control, the Officer of the Day has the responsibility and authority to implement this pandemic influenza response plan and provide overall policy direction of University of Minnesota resources during an emergency. Emergency operations include coordination of University and community resources to save lives, protect property and provide for the continuity of University operations. The Office of the Day may communicate with the Twin Cities Health Emergency Response Team (HERT), coordinated by the Academic Health Center Office of Emergency Response (AHC-OER), which will convene as needed throughout the course of an influenza pandemic to maintain situational awareness and develop specific response recommendations for consideration by the Officer of the Day.
The Officer of the Day may also make recommendations to coordinate campus Chancellors, Research and Outreach Center Heads, Extension Regional Directors, or their Delegated Authority.

UMC has identified eleven pandemic flu response areas with principal personnel responsible that have been identified for those areas. Principal personnel are responsible for the maintenance of their response plans and the creation of standard operating procedures to ensure successful implementation of those plans. Principal pandemic influenza response personnel will be notified by AHC-OER or Department of Emergency Management (DEM) when sustained human-to-human transmission has been confirmed anywhere in the world and will receive periodic situational reports throughout the course of the pandemic. DEM will ensure coordination with coordinate campuses.

Internal coordination will be supported through use of situational briefings, conference calls, meetings, and/or activation of the Emergency Operations Center as deemed necessary by the Officer of the Day. In addition, a Coordinate Campus, Research & Outreach Center, Extension Regional Office or Department Operations Centers may be established to coordinate activities within individual response areas. Plans for Department Operations Centers are in development within various UMC departments.

IV. External Coordination
Unlike most emergencies, which are localized, an influenza pandemic will likely occur simultaneously across the globe. Coordination between the University and external partners, particularly state public health and emergency management officials, will be extremely important. DEM will maintain regular communications with the State Department of Public Safety, Homeland Security and Emergency Management Division, as well as other city and county emergency managers, throughout the duration of a pandemic. AHC-OER will maintain communications with the Minnesota Department of Health and local public health departments, through 24/7 monitoring of the Health Alert Network, MN Trac (Minnesota system for Tracking Resources, Alerts, and Communications), and through direct communications. AHC-OER will also receive all requests for health response assistance from state and local partners, such as requests for assistance from the U of M Medical Reserve Corps. UMC will keep contact with the University DEM, Polk County Public Health, Polk County Emergency Manager, and the City of Crookston Emergency Manager.

V. Prioritization of University Services and Functions
Although many response actions will be taken based upon recommendations from outside sources such as the Minnesota Department of Health, Centers for Disease Control and Prevention, or Homeland Security and Emergency Management, there may be many instances during a pandemic when response actions will be based upon the unique issues or circumstances on campus. The following principles have been developed to guide decision-making in those instances:
Principles for Prioritization

1. Health, welfare, and safety of faculty, staff, students, and others present on campus.
2. Health, welfare, and safety of animals housed on campus.
3. Maintenance of essential mission functions of research, teaching, and outreach (as determined by each unit).
4. Maintenance of essential campus services to support essential mission functions.

Based upon these principles, campus services and programs will be categorized as follows during a large scale emergency, such as an influenza pandemic:

**Priority 1 Services:** Services that address an immediate threat to human and/or animal health and safety. These activities must remain uninterrupted.

**Priority 2 Services:** Disorder or an economic impact may develop if not delivered in a few days. Activities that can be disrupted temporarily or might be periodic in nature, but must be re-established within a few days.

**Priority 3 Services:** Services required by law or rule that can be suspended by law or rule during an emergency. Activities that can be disrupted temporarily (a few days or weeks) but must be re-established sometime before the emergency is over (<6 weeks).

**Priority 4 Services:** Services that could be suspended during an emergency and are not required by law or rule. Activities that can be deferred for an extended period of time, such as the duration of a pandemic influenza wave (6-12 weeks).
It is noted that total and complete “closure” of a university campus is a rare event. It is anticipated that although face-to-face coursework may be temporarily discontinued or other social distancing methods instituted, it is unlikely that the University will close in its entirety. A targeted, or graduated approach, may be implemented in response to a large-scale emergency (Table 1).

### Table 1: Potential Tiers to a Scalable Campus “All Hazards” Closure Plan Based Upon Principles of Prioritization

<table>
<thead>
<tr>
<th>Tier</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>Business as Usual</td>
</tr>
<tr>
<td>1</td>
<td>Suspension or Dismissal of Select Classes- Cancellation of Select Public Events</td>
</tr>
<tr>
<td>2</td>
<td>Suspension or Dismissal of All Classes- Cancellation of All Public Events</td>
</tr>
<tr>
<td>3</td>
<td>Closure of Select Business Functions</td>
</tr>
<tr>
<td>4</td>
<td>Closure of Select Buildings</td>
</tr>
<tr>
<td>5</td>
<td>Closure of Select Campuses</td>
</tr>
<tr>
<td>6</td>
<td>Closure of all Units except those that support Priority Areas 1-3</td>
</tr>
<tr>
<td>7</td>
<td>Total Closure: Total closure would not be an option selected by the administration. If total closure were caused by external forces (such as a large scale natural disaster), it would be catastrophic.</td>
</tr>
</tbody>
</table>

### VI. Operational Plans by Response Areas

#### A. Campus Infrastructure

Principal Response Personnel: The UMC Director of Facilities & Operations and the Head of the Northwest Research & Outreach Center (NWROC) are responsible for monitoring and addressing campus infrastructure issues during an influenza pandemic.

The principles for prioritizations and priority service designations outlined in Section V. will be utilized to plan for and manage campus infrastructure considerations. The following list of infrastructure services have been determined to be either priority 1 or priority 2 services and will remain in operation regardless of the situation:

- **Provision of Utilities (and tiered shutdown of utilities if warranted)**
  - Steam
  - Electricity
  - Water
  - Natural Gas

- **Protection of People**
  - UMC Security Services
  - Crookston Police Department
  - Polk County Sheriff’s Department

- **Protection of Assets/Infrastructure**
  - UMC Security Services
Each organizational unit maintains an operational continuity plan outlining specific procedures for the maintenance or re-establishment of critical operations during an emergency. Operational continuity plans will be activated as deemed necessary by the Officer of the Day, in consultation with University administrators.


B. Communications

Principal Response Personnel: University Relations has primary responsibility for assuring timely communications to the University community through multiple channels during an influenza pandemic, according to their written plan.

The University’s emergency communications system will be used to provide information to the campus community. This system includes the following components:

- Campus-wide email messages
- Text-U messages
- Tone alert radios
- UMC Home Page & UMC Today Page is linked to UMC and UMTC Emergency Preparedness websites.
- Media briefings

During an influenza pandemic, daily updates and information will be provided through the Health Emergency section of the Emergency Preparedness website which will be easily accessible from the UMC home page.
C. Teaching

Principal Response Personnel: To insure uniformity and fairness across all departments, and to minimize confusion, decisions regarding the status of classes during all phases of an influenza pandemic will be made by the Chancellor in consultation with appropriate senior administrators. If the Chancellor is ill or unavailable, decision-making authority is delegated to the following officers:

- Senior Vice Chancellor of Academic Affairs
- Associate Vice Chancellor for Student Affairs
- Designated Authority of the Day

Authority to cancel classes does not reside at the departmental level.

The University will base its pandemic influenza academic and teaching decisions on the best public health interest of faculty, students, and staff by seeking out and following Minnesota Department of Health recommendations regarding social distancing measures designed to prevent the transmission of influenza including the discontinuation of face-to-face gatherings.

The University will make all reasonable efforts to continue the teaching mission of the University during a pandemic with a goal of enabling students to continue to make progress in their studies and to complete their academic programs in a timely manner. To that end, each department will implement procedures to insure that as many classes as possible can be offered online or using other formats (e.g., conference calls for small seminars) in the event that face-to-face gatherings are restricted.

Information about the status of University classes will be communicated broadly and repeatedly through multiple communication channels throughout the course of the pandemic (see Section VI. B. Communications).

Specific guidelines and policies are maintained by the Office of the Chancellor which will be communicated and implemented based upon pandemic-specific information. It is anticipated that the following guidelines will be utilized:

1. In the absence of official cancellation of classes by the University, faculty will be expected to teach their classes.

2. In consultation with and approval by their department, faculty may offer their classes in an alternative format. All changes to the customary way of teaching a particular class must be reported to the department head.

3. Faculty and instructional staff who miss classes or refuse to teach:
   a. Faculty and instructional staff who are ill will be governed by the Sick and Disabilities Leave Policy.
b. Faculty and instructional staff who have a child, spouse, or other dependent or other immediate family members who is ill will be governed by the Family and Personal Leaves Without Pay Policy.

c. Faculty and instructional staff who fail or refuse to teach in the absence of illness will be subject to disciplinary action, including suspension of their pay, in accordance with the Tenure Code and any related or otherwise applicable policies.

d. For classes without an instructor, the department should attempt to assign another instructor.

4. Consistent with current practice, students will be expected to attend class unless classes are canceled.

   a. Instructors shall work with the students in the case of absences.

   b. As currently is the case, students will not automatically be withdrawn from a class for not attending.

   c. If a student becomes ill and cannot attend class, the student should inform the University. A note should be added to the student’s record indicating that the student has become ill and unable to attend class. The University will establish a procedure for working with these students to ensure completion (e.g., assigning make-up work, assigning the grade based on work completed, assigning an “I” grade, etc.) or withdrawal. Withdrawal policies and procedures will apply, but the University may entertain a petition for a late withdrawal based on documented medical or other exigent circumstances.

5. If classes, individually or campus-wide, are cancelled or suspended for some period of time, every effort should be made to arrange for completion of the semester.

   a. In the event classes are cancelled or suspended campus-wide for some period of time, the University will determine whether enough class time has been held in order to certify completion of a semester and assignment of a grade, consistent with financial aid regulations and accreditation and licensure requirements. The University may alter the normal calendar in order to achieve the objective of completing the semester.

   b. In the event individual classes are cancelled or suspended for some period of time, the relevant collegiate unit should, in consultation with the Senior Vice Chancellor for Academic & Student Affairs and UMC Registrar, and consistent with financial aid regulations and accreditation and
licensure requirements, determine whether credit can be granted and a grade assigned, whether an alternative means of completing the course can be offered, whether the calendar for the course can be extended, whether break time during the remainder of the semester can be used to compensate for missed class time, or whether the class will simply need to be cancelled.


D. Research & Animal Care
UMC has very limited research projects housed on campus. The NWROC has numerous agricultural and animal research projects in the field and throughout the Center.

Principal Response Personnel: The Office of the Senior Vice Chancellor of Academic Affairs and academic department heads have responsibility for determining and communicating all research-related response actions during an influenza pandemic.

Likewise, the Head of the NWROC has similar responsibilities for determining and communicating all research-related response actions during an influenza pandemic.

It is anticipated that the major impact of a pandemic on research operations will be a reduction in the availability of research support personnel either as a result of illness, requirement for social distancing, or university-directed closure of specific buildings or functions.

Animal Care
UMC does not have animal care research that will be influenced by a pandemic outbreak, but it does have animals for academic program purposes, including horses, beef cattle and sheep, housed in University buildings on the academic campus. The NWROC does have dairy and beef animals housed in research buildings. The maintenance of animal health and welfare is the most critical service at risk from the anticipated consequences of an influenza pandemic as they represent priority 1 services.

Research and Laboratory Safety
The Office of the Senior Vice Chancellor for Academic Affairs and the appropriate academic department head will announce the need to implement research continuity plans throughout the course of an influenza pandemic. The Head of the NWROC will announce the need to implement research continuity plans that affect the ROC programs throughout the course of an influenza pandemic. Research laboratory plans will include strategies to manage lab-specific consequences, including plans to “hibernate” some or all of the laboratory’s activities depending on staffing levels and/or social distancing recommendations.

Clinical Human Subjects Research
UMC and the NWROC do not have research activities within this category.
Administrative Issues
All administrative issues related to obligations associated with sponsored research will be negotiated and/or managed by Sponsored Research Administration (SPA).

(Reference: Academic Task Force on Pandemic Influenza, Research and Outreach Subcommittee Report, May 2007)

E. Housing & Dining
Principal Response Personnel: The Director of Residential Life & Security Services, along with the Assistant Director of Residential Life are responsible for implementing the response actions outlined in this section with administrative oversight from the Associate Vice Chancellor for Student Affairs.

It is anticipated that some residents who live on campus may begin to leave the University prior to the cancellation of in-person classes by the University. Therefore, response plans addresses both an exodus of students from the University prior to the cancellation of in-person classes, as well as plans to address the needs of residential students if the University cancels in-person classes due to an influenza pandemic.

Residential Life will maintain basic custodial and maintenance services (trash removal, cleaning of bathrooms, critical repairs) in all residential facilities through the reassignment of staff and through the closing of various public bathrooms and recreational/lounge facilities, if necessary.

Monitoring Occupancy
At the earliest stages of an influenza pandemic, based upon recommendations from campus administration, Residential Life & Security Services will monitor the occupancy in university housing facilities through the combination of self-reporting via email of residents who leave campus and staff monitoring. When instructed, Residential Life & Security Services will distribute a prepared communication to all residents with detailed instructions for residents leaving the University. The communication will be sent via e-mail, through paper communication placed in all resident mailboxes, and posted in bathrooms, dining centers, and other common posting areas in housing facilities. All communications sent to campus residents will be posted on the Residential Life & Security Services and UMC Emergency Preparedness websites.

Monitoring Student Resident Health
Residence Life staff will assist UMC Student Health Services with distribution of information and notices to campus residents. Information will include precautions they should take, and symptoms to monitor on a daily basis through a variety of methods. Students who develop symptoms/become ill will be instructed to report their daily health status to Health Services.
Thresholds for Closing or Consolidating Residential Facilities
It is anticipated that all residential facilities will remain open and operational unless the campus closes. Some services may be reduced dependent upon availability of staffing.

Should the University of Minnesota cancel in-person classes, Residential Life & Security Services will inform residential students that they will be expected to return home and may need to remove their personal belongings from their rooms/apartments. It is anticipated that 40 residents may be unable to leave the University if classes are cancelled (international students and students that live more than an 8 hour drive from Crookston). If this situation occurs, the Director of Residential Life & Security Services will coordinate with UMTC Housing & Residential Life for temporary housing accommodations, and for potential bus transportation to UMTC.

F. Health Services
Principal Response Personnel: The UMC Student Health Services Coordinator and the UMC Student Health Services Medical Director will have responsibility for the provision of health services on campus during an influenza pandemic.

Health Services anticipates a need to provide care in conjunction with the University’s general response plan grid, recognizing that staffing and resources may impact the ability to meet the demand for health-care delivery. Health Services response plans assume that there may be an initial surge of students wishing to access information, advice, and medical care followed by an exodus of students as they return home. Plans assume the need to meet the increased demand for services early in a pandemic, then a transition to provision of care for any students remaining on campus (UMC has more than 120 international students and at this time, an undetermined number of students living greater than an 8 hour drive from Crookston) in the event of University closure. UMC Student Health Services and Residential Life & Security Services will work closely to facilitate care of students remaining on-campus. However, due to very limited resources and staffing, as well as potential transition of the virus to higher Pandemic Severity Indices, the need for potential relocation of these students to the Twin Cities campus may be necessary.

-Clinical Services in early stages of Pandemic:
  Suspect case monitoring and assessment with the possibility of including modified clinic entry instructions, and triage protocols will be utilized for suspected cases. Triage system would focus preferentially on use of telephone and electronic communication for assessment.(Reference: Telephone Triage of Patients with Influenza, Temte, Jonathan, American Family Physician, May 2009)
  o Infection control protocols including use of personal protective equipment, self isolation and a limited formal isolation protocol available early in the development of on-campus cases.
  o Treatment of suspect cases and prophylaxis of appropriate students following MDH and CDC guidelines.
Patient follow-up and communication.
Protocol for provision of care and assessment to those students in University housing either following closure of the University or those students formally isolated early in the evolution of the pandemic.
Assessment and facilitation of cross training of a temporary Student Health Services staff person to cover projected absenteeism of the Student Health Services Coordinator.

Patient Communication
- Informational phone lines
- Posted information on HS and Emergency Preparedness websites
- Email notices
- Collateral materials including patient directed educational materials focused on recognition of signs and symptoms of influenza, recognition of co-morbid conditions such as pregnancy, diabetes, asthma, immune suppression, etc. which would increase the risk of complications and necessitate anti viral therapy; mitigation strategies to reduce transmission such as self isolation, use of a surgical mask when leaving residence hall or using communal spaces such as bathrooms; vigorous hand-washing, covering cough, etc.
- Remote phone lines for counseling

G. Human Resources
Principal Response Personnel: The Office of Human Resources, University of Minnesota, Crookston, has responsibility for monitoring human resource issues during a pandemic. Develop of policies and procedures may be needed. These decisions will be made on a system-wide level by the Vice President for Human Resources and/or the Office of Human Resources. These processes and outcomes shall be coordinated with the appropriate department in the Department of Human Resources, Twin Cities Campus.

Human resources policies will be developed at the time of the event based upon the specifics of a pandemic situation. Policies and procedures will be communicated broadly and repetitively through multiple channels, appropriate, and outlined in Section VI. B. Communications. The Office of Human Resources, Twin Cities Campus will provide detailed instructions to the UMC Office of Human Resources who will disseminate the information to UMC administrators, managers, and supervisors throughout the course of a pandemic.

The following guiding principles have been developed related to human resource issues during an influenza pandemic:

**Ensuring Continuity of Priority Services on Campus**
University departments will be instructed to be as flexible as possible to enable all faculty, staff, graduate assistants, and student-employees to work. These efforts shall include the opportunity to work from home and other remote locations where possible;
allowing full-time employees to work part-time; using flexible work schedules; and other appropriate solutions.

Unless directed otherwise, individuals who are able to work should report for work, given their capabilities, and support the department or university in whatever capacity is needed. Faculty, staff, graduate assistants, and student-employees may be required to work outside their usual classifications.

Faculty, staff, graduate assistants and student employees will be asked to be as flexible as possible with regard to type of assignment and length or schedule of shifts, or other changes to their work that may arise during a pandemic crisis. No employee will be asked to perform work that would endanger their health or safety.

**Implementing Social Distancing Measures**
To minimize the spread of disease, employees may be directed not to report to their unit. If so directed, employees are not to report to the workplace. Employees shall follow procedures outlined by their department or unit for maintaining contact for assignments and call-in.

**Compensation and Benefits**
The University shall work within budgetary parameters to ensure the continuation of compensation and health care benefits for all employees, whether able to work or not, through the duration of a pandemic crisis. Health care benefits will continue to be available to employees throughout a pandemic influenza crisis. Benefits will not be cut off due to lack of paid status or an employee’s inability to provide the employee portion of the cost. The University hopes to provide a minimum of two weeks of paid leave to all employees who are required to stay home during a partial closure of the campus during a pandemic flu. The length of this leave period will be determined based on an analysis of conditions after the crisis has passed.

Throughout a pandemic crisis, as the number of affected employees rises to the level that services such as local payroll are affected, all employees will continue to receive pay and benefits as if they remained working their regular schedule. As things return to normal, any necessary adjustments shall be made for usage of vacation, sick leave, and/or other leave as appropriate. Supervisors and managers will be expected to follow instructions for tracking the status of their employees throughout the crisis, e.g. actively working, working part time, ill and unable to work, able but without work, so that adjustments to leave balances, if necessary, may be made after the crisis.


**H. Public Health Response**
UMC will maintain communication with local and state public health agencies, the AHC and the Assistant Vice President for Public Health Response for the system.
Disease Containment Strategies

Pandemic influenza disease containment strategies may include:

- Formal isolation, early in the evolution of the pandemic, for a limited number of individuals using a limited number of available campus housing options in an attempt to reduce disease transmission. It is improbable that quarantine would be logistically feasible. (See E. Housing)
  - Infection control measures such as respiratory etiquette, hand hygiene or the use of personal protective equipment.
  - Reduction in routine University-related activities as part of a “snow days” strategy and social distancing strategies for employees who must work because their work is deemed essential (e.g. cancellation of face-to-face meetings, staggering of work shifts etc.).
  - University-wide containment measures including cancellation of in-person classes or public gatherings.

University departments have the following responsibilities related to disease containment strategies:

**Student Health Services:**

UMC Student Health Services will support self isolation measures early in the evolution of a pandemic. UMC has very limited resources to provide formal isolation measures. This strategy would attempt to provide greater disease containment. Students in self isolation would be monitored and assessed, as needed, by the UMC Student Health Services Coordinator, while Sodexo Dining Services will provide meals, Residential Life & Security Services will provide linens, and other supplies to such students. Housing resources available for formal isolation measures are extremely limited and the rapid transmissibility of influenza from person to person, particularly in a university, residential setting may render these measures ineffectual. A protocol will be developed for entry of healthcare personnel into a self isolation site including use of PPE.

**Residential Life & Security Services:**

Residential Life & Security Services will designate and have available a very limited number of housing units (apartments) for isolation which meet HHS and MDH standards. It is improbable that quarantine measures would be attempted. Residential Life staff will coordinate with their Twin Cities campus counterparts on the relocation and transportation of students to TC campus when indicated. HRL will also work with Health Services to monitor the census of students remaining in housing.

**UMC Security Services**, with only two staff members, will only be able to provide very limited safety and security of all individuals working on campus. We may dependent upon some assistance from the Crookston Police Department and Polk County Sheriff’s Department.

**Department of Environmental Health and Safety:**

The Department of Environmental Health and Safety may be available for emergency fit-testing of personal protective equipment for departments, in the event it is not able to
provide this service, other options are being investigated for emergency fit testing. DEHS will review and address issues related to facility ventilation.

Mass Dispensing/Mass Assessment
It is unlikely that a system of mass dispensing or mass assessment (large scale non-acute patient triage) will be utilized in Minnesota during an influenza pandemic. However, UMC and its physical resources could be utilized for the greater need of the community in the event of a pandemic. UMC Sports Center is one of three mass dispensing sites designated by Polk County Public Health for inoculations. This agreement has been pre-approved by UMC administration.

Stockpiled Supplies
A very limited stockpile of supplies such as personal protective equipment, hand sanitizer, etc. are stored on campus. UMC Student Health Services and the UMC Student Health Medical Director will coordinate with Polk County Public Health to assess the feasibility of obtaining a stockpile of antiviral pharmaceuticals. These materials would be purchased and stored as funding and space constraints allow for use during an influenza pandemic.

Behavioral Health
UMC Student Health Services and the UMC Career & Counseling Department staff will have remote phones at their homes for providing student counseling. The University Employee Assistance Program will have their plans for helping staff.

I. Athletics Program
Principal Response Personnel: Director of Athletics

There are approximately 275 student-athletes competing in 11 sports at the University of Minnesota-Crookston Campus. Each year, hundreds of competitive events are scheduled from August through May.

In the event of a campus-wide suspension of in-person classes due to public health recommendations for social distancing, athletics events will also be cancelled. Decisions regarding cancellation of events will be made by the Director of Athletics in consultation with the UMC Chancellor, UMC Designated Authority, or the University of Minnesota Officer of the Day, including cancellations necessitated by illness reported at a school to which a University team is scheduled to travel.

VII. University Response Action Grids

The University’s response actions in each of the nine areas outlined in Section VI. will likely happen simultaneously with their timing determined by the specific nature of the pandemic over time. Pre-determined phases for pandemic planning and response have been developed at the international, national, and state level (Table 2). Response actions will also vary depending upon the severity of the pandemic. The CDC will determine the severity of a given pandemic based upon the proportion of deaths reported among clinically ill persons early in the pandemic and designate a Pandemic Severity Index of 1-5. The CDC will recommend specific community mitigation strategies based upon the designated Pandemic Severity Index (Table 3).

Table 2: International, Federal, and State Planning and Response Phases

<table>
<thead>
<tr>
<th>Highly Pathogenic Avian Influenza (HPAI) Outbreak</th>
<th>WHO Phase</th>
<th>U.S. Stage</th>
<th>Minnesota Response Phase</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase 1: Low risk of human cases</td>
<td>Stage 0: New domestic animal outbreak in at-risk country</td>
<td>Phase A0: HPAI outbreak nonexistent or overseas</td>
<td></td>
</tr>
<tr>
<td>Phase 2: Higher risk of human cases</td>
<td></td>
<td>Phase A1: HPAI outbreak in wild animal in North America</td>
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<tr>
<td>Phase 3: No or very limited human-to-human transmission</td>
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<td>Phase A3: HPAI outbreak in domestic animal in North America</td>
<td></td>
</tr>
<tr>
<td>Phase 4: Evidence of increased human-to-human transmission</td>
<td>Stage 1: Suspected human outbreak overseas</td>
<td>Phase A4: HPAI outbreak in domestic animal in Minnesota</td>
<td></td>
</tr>
<tr>
<td>Phase 5: Evidence of significant human-to-human transmission</td>
<td>Stage 2: Confirmed human outbreak overseas</td>
<td>Phase A5: Recovery</td>
<td></td>
</tr>
<tr>
<td>Phase 6: Efficient and sustained human-to-human transmission</td>
<td>Stage 3: Widespread human outbreaks in multiple locations overseas</td>
<td>Phase P0: Suspected human outbreak overseas</td>
<td></td>
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<tr>
<td></td>
<td>Stage 4: First human case in North America</td>
<td>Phase P1: Confirmed, sustained human-to-human transmission overseas</td>
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<tr>
<td></td>
<td>Stage 5: Spread throughout the U.S.</td>
<td>Phase P2: Suspected or confirmed human case in North America</td>
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<td></td>
<td>Stage 6: Recovery and</td>
<td>Phase P3: Outbreak in the U.S.</td>
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<td></td>
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<td>Phase P4: Suspected or confirmed human case in Minnesota</td>
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<td>Phase P5: Limited outbreak in Minnesota</td>
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<td>Phase P6: Widespread throughout Minnesota</td>
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<td>Phase P7: Recovery and</td>
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R-16
Table 3: Summary of Community Mitigation Strategies by Pandemic Severity Index (CDC)

<table>
<thead>
<tr>
<th>Interventions* by Setting</th>
<th>1</th>
<th>2 and 3</th>
<th>4 and 5</th>
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<tbody>
<tr>
<td><strong>Home</strong></td>
<td></td>
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</tr>
<tr>
<td>Voluntary isolation of ill at home (adults and children): combine with use of antiviral treatment as available and indicated</td>
<td>Recommend</td>
<td>Recommend</td>
<td>Recommend</td>
</tr>
<tr>
<td><strong>Voluntary quarantine</strong> of household members in homes with ill persons (adults and children): consider combining with antiviral prophylaxis if effective, feasible, and quantities sufficient</td>
<td>Generally not recommended</td>
<td>Consider</td>
<td>Recommend</td>
</tr>
<tr>
<td><strong>School</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Child social distancing - dismissal of students from schools and school based activities, and closure of child care programs</td>
<td>Generally not recommended</td>
<td>Consider: ≤4 weeks</td>
<td>Recommend: ≤12 weeks</td>
</tr>
<tr>
<td>- reduce out-of-school social contacts and community mixing</td>
<td>Generally not recommended</td>
<td>Consider: ≤4 weeks</td>
<td>Recommend: ≤12 weeks</td>
</tr>
<tr>
<td><strong>Workplace/Community</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adult social distancing - decrease number of social contacts (e.g. encourage teleconferences, alternatives to face-to-face meetings)</td>
<td>Generally not recommended</td>
<td>Consider</td>
<td>Recommend</td>
</tr>
<tr>
<td>- decrease distance between persons (e.g. reduce density in public transit, workplace)</td>
<td>Generally not recommended</td>
<td>Consider</td>
<td>Recommend</td>
</tr>
<tr>
<td>- modify, postpone, or cancel selected public gatherings to promote social distance (e.g. stadium events, theater performances)</td>
<td>Generally not recommended</td>
<td>Consider</td>
<td>Recommend</td>
</tr>
<tr>
<td>- modify work place schedules and practices (e.g. telework, staggered shifts)</td>
<td>Generally not recommended</td>
<td>Consider</td>
<td>Recommend</td>
</tr>
</tbody>
</table>
The University Response Action Grids (Grids A-F), presented in Table 4, are designed to reflect the likely response actions in each of the nine response areas at each phase of the pandemic (utilizing state-level response phases as a reference) and for various Pandemic Severity Indexes. The Response Action Grids will serve as a reference point for the Officer of the Day, and other administrators, throughout the course of the pandemic. Grids A-F are organized as follows:

**Grid A**  
Minnesota Response Phase P1  
Confirmed, sustained human-to-human transmission overseas

**Grid B**  
Minnesota Response Phase P2-P3  
P2: Suspected or confirmed human case in North America  
P3: Outbreak in the U.S.  
**Pandemic Severity Index > 1**

**Grid C**  
Minnesota Response Phase P4-P6  
P4: Suspected or confirmed human case in Minnesota  
P5: Limited outbreak in Minnesota  
P6: Widespread cases  
**Pandemic Severity Index 1**  
Voluntary home isolation of ill adults and children recommended.  
No other social distancing recommended.

**Grid D**  
Minnesota Response Phase P4-6  
P4: Suspected or confirmed human case in Minnesota  
P5: Limited outbreak in Minnesota  
P6: Widespread cases throughout Minnesota  
**Pandemic Severity Index 2 and 3**  
Voluntary home isolation of ill adults and children recommended.  
Voluntary quarantine of household members in homes with ill persons recommended.  
Child and adult social distancing is recommended by the MDH for a period of 4 weeks.

**Grid E**  
Minnesota Response Phase P4-6  
P4: Suspected or confirmed human case in Minnesota  
P5: Limited outbreak in Minnesota  
P6: Widespread cases throughout Minnesota  
**Pandemic Severity Index 2 and 3**  
Voluntary home isolation of ill adults and children recommended.  
Voluntary quarantine of household members in homes with ill persons recommended.  
Child and adult social distancing recommended by the MDH for a period of 12 weeks

**Grid F**  
Minnesota Response Phase P7  
Recovery and preparation for subsequent waves
Table 4: University Response Action Grids by Minnesota Response Phase, CDC Pandemic Severity Index and Response Area on Campus

<table>
<thead>
<tr>
<th>GRID A</th>
</tr>
</thead>
</table>
| **Minnesota Response Phase P1**  
*Confirmed, sustained human-to-human transmission overseas* |
| **Internal Coordination** | ▪ Officer of the Day notifies all pandemic influenza response plan principal personnel with request to review respective response plan.  
▪ HERT meets to review information from state, federal, and international sources.  
▪ HERT develops recommendations for U of M travelers in affected areas.  
▪ Officer of the Day obtains briefing from HERT  
▪ DEM contacts representatives from coordinate campuses. |
| **External Coordination** | ▪ Maintain communications with AHC-OER and MDH through routine channels. |
| **Communications** | ▪ Acknowledge change in pandemic phase through normal communications channels; reference UMC pandemic influenza response plans.  
▪ Create additional messaging for students, staff, parents and faculty as needed.  
▪ Send alert of international travel recommendations through campus-wide email as needed.  
▪ Assure functionality of Health Emergency section of Emergency Preparedness website. |
| **Campus Infrastructure** | ▪ Response plan review by administrators and their back-ups.  
▪ Review and confirm 24/7 contact information.  
▪ Review and confirm essential personnel rosters for essential services based on Operational Continuity Plans.  
▪ Discuss current ITSS resources for distance education and remote worksites. |
| **Teaching** | ▪ Response plan review by administrators and their back-ups.  
▪ Review and confirm 24/7 contact information.  
▪ Notice is sent to all faculty regarding pandemic influenza response plan policies.  
▪ In preparation for potential in-person class dismissal within weeks, all academic departments organize and prioritize distance education strategies. |
| **Research & Animal Care** | ▪ Response plan review by administrators and their back-ups.  
▪ Review and confirm 24/7 contact information.  
▪ Notify Principal Investigators about the potential for social distancing recommendations and assess impact on current research initiatives.  
▪ Notify all programs with animal care about the potential for social distancing recommendations. |
distancing recommendations: assess impact on current status.

<table>
<thead>
<tr>
<th>Housing</th>
<th>Response plan review by administrators and their back-ups.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Review and confirm 24/7 contact information.</td>
</tr>
<tr>
<td></td>
<td>Sodexo Dining Services: Consider need for expanded non-</td>
</tr>
<tr>
<td></td>
<td>perishable food item orders.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Health Services</th>
<th>Response plan review by administrators and their back-ups.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Review and confirm daytime/after-hours contact information, as well as after-hours emergency procedures for student health issues.</td>
</tr>
<tr>
<td></td>
<td>Activate surveillance system for patients seeking medical attention at UMC Student Health Service.</td>
</tr>
<tr>
<td></td>
<td>Behavioral Health: Prepare for possible transfer to remote services.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Human Resources</th>
<th>Response plan review by administrators and their back-ups.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Review and confirm 24/7 contact information.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Public Health Response</th>
<th>Review and confirm health emergency essential personnel roster.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Review and update, as relevant, postings on the UMC Homepage &amp; Today Page websites to address the possibility of an influenza outbreak (Communications &amp; DEHS)</td>
</tr>
<tr>
<td></td>
<td>Administer seasonal influenza vaccine and H1N1 vaccine when available (UMC Student Health Services, PCPH).</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Athletics</th>
<th>Response plan review by administrators and their back-ups.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Review and confirm 24/7 contact information.</td>
</tr>
<tr>
<td></td>
<td>Assure hygienic athletic training environment.</td>
</tr>
<tr>
<td></td>
<td>Consider just-in-time training for athletic staff in the recognition of signs/symptoms of flu.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other</th>
<th>To be determined.</th>
</tr>
</thead>
</table>
### GRID B

#### Minnesota Response Phase P2-P3

**P2:** Suspected or confirmed human case in North America  
**P3:** Outbreak in the U.S.

#### Pandemic Severity Index >1

<table>
<thead>
<tr>
<th>Internal Coordination</th>
<th>Communicate with HERT about briefing and recommendations for Officer of the Day.</th>
</tr>
</thead>
<tbody>
<tr>
<td>External Coordination</td>
<td>Communicate with MDH regarding appropriate PPE and I/Q protocols based on available surveillance information.</td>
</tr>
</tbody>
</table>
| Communications        | Send messaging to students, staff, faculty and parents via website, email, and text-messaging as appropriate.  
|                       | Create Pandemic Influenza Section for Emergency Preparedness website; ensure easy access from the UMC homepage. |
| Campus Infrastructure  | Assure 3 deep essential personnel for utilities, security, ITSS, facilities management. |
| Teaching              | Prepare for potential in-person class dismissal in days to weeks.  
|                       | Assess progress on continuity of education plans. |
| Research & Animal Care| Review laboratory-specific hibernation plans.  
|                       | Assure emergency power availability for essential research equipment and storage.  
|                       | Assess stockpile of animal feed, bedding, euthanasia materials, human food and water for essential personnel. |
| Housing               | Prepare to evacuate students as needed to UMTC.  
|                       | Prepare process for evacuating students. |
| Health Services       | Review Student Health Services Emergency Operations Plan.  
|                       | Review antiviral and other relevant supplies.  
|                       | Institute heightened surveillance for flu-like symptoms.  
|                       | Assure and enforce use of face masks for all ill patients visiting Student Health Services.  
|                       | Consider utilization of N95s for healthcare personnel. |
| Human Resources       | Determine need for messaging to employees regarding continued employment responsibilities. |
| Public Health Response | Review campus disease containment plan (including isolation) with UMC Health Services, DEHS, FM.  
|                         | Behavioral Health: Post materials on UMC Homepage & Today Page website. (HR, Counseling & Communications)  
|                         | Administer seasonal influenza vaccine and H1N1 vaccine when available. |
| Athletics               | Assure hygienic athletic training environment.  
|                         | Institute heightened surveillance for flu-like symptoms among athletes and staff.  
|                         | Prepare for potential cancellation of athletic events.  
|                         | Avoid travel to affected areas. |
| Other                   | To be determined. |
GRID C

**Minnesota Response Phase P4-P6**

*P4: Suspected or confirmed human case in Minnesota*

*P5: Limited outbreak in MN*

*P6: Widespread cases*

### Pandemic Severity Index 1

*Voluntary home isolation of ill adults and children recommended.*

*No other social distancing recommended.*

| **Internal Coordination** |  ▪ Officer of the Day to debrief with HERT for implications and strategy.  
  ▪ Brief other administrators as deemed necessary by the Officer of the Day. |
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>External Coordination</strong></td>
<td>▪ Request guidance from MDH on appropriate social distancing and healthcare guidelines.</td>
</tr>
<tr>
<td><strong>Communications</strong></td>
<td>▪ Provide campus-level information on influenza symptoms and recommendations for voluntary home isolation.</td>
</tr>
<tr>
<td><strong>Campus Infrastructure</strong></td>
<td>▪ Plan for business as usual, but prepare for potential worsening and possibility of shutting down the campus</td>
</tr>
</tbody>
</table>
| **Teaching**              |  ▪ Clarify and communicate student absentee policies and procedures.  
  ▪ Advise ill students and faculty/staff to stay home.  
  ▪ In-person class dismissal instituted only if recommended by the MDH (unlikely).  
  ▪ No other class dismissal unless absenteeism rates dictate and in consultation with the Chancellor and SVCAA. |
| **Research & Animal Care**|  ▪ Advise ill researchers and animal care staff to stay home.  
  ▪ Assure redundancy in essential animal care and research personnel. |
| **Housing**               |  ▪ Assist with communications about influenza symptoms and recommendations for home isolation.  
  ▪ Prepare for students to leave |
| **Health Services**       |  ▪ Continue heightened influenza surveillance and appropriate PPE for staff.  
  ▪ Work with housing on influenza disease prevention. |
### Human Resources
- Reinforce recommendations for ill employees to stay home.
- Review sick leave policies.
- Unit directors monitor and confer regularly regarding patterns of service demands and staff availability. Staffs are informed of outbreak service trends and recommendations to maximize availability of healthy staff.
- Communicate detailed instructions to supervisors and managers.

### Public Health Response
- Coordinate with Polk County Public Health (PCPH) & UMC Medical Director for distribution of antivirals to ill students and employees (UMC Student Health Services)
- Ill students needing isolation will be asked to go home (UMC Student Health Services/Residential Life). Ill employees will be asked to stay home until 24 hours after illness has passed. (HR, UMC Health Services, PCPH)
- Assure ample available tissues, alcohol-based sanitizer in public domains (FM, Residential Life)
- Make face masks available for students who are ill (UMC Student Health Services).
- Determine appropriate surveillance procedures (UMC Student Health Services, PCPH)
- Behavioral Health: mental health providers determine need for additional campus-wide strategies as needed (UMC Career & Counseling, UMC Student Health Services)

### Athletics
- Reinforce recommendations for ill athletes to stay home.
- Assure hygienic athletic training environment.

### Other
- To be determined.
### GRID D

#### Minnesota Response Phase P4-6

**P4:** Suspected or confirmed human case in Minnesota

**P5:** Limited outbreak in Minnesota

**P6:** Widespread cases throughout Minnesota

#### Pandemic Severity Index 2 and 3

- Voluntary home isolation of ill adults and children recommended.
- Voluntary quarantine of household members in homes with ill persons recommended.
- Child and adult social distancing recommended by the MDH for a period of 4 weeks.

| Internal Coordination       | ▪ Open EOC as indicated and useful for the situation.  
|                            | ▪ Open DOCs as needed (FM, ITSS, housing, HS, HR).  
|                            | ▪ Prepare to close campus.                  |
| External Coordination       | ▪ Confer with Central Administration on MDH recommendations for likelihood and timing of Governor's declaration of state of emergency. |
| Communications              | ▪ Conduct daily messaging via Emergency Preparedness website accessed through U of M homepage.  
|                            | ▪ Consider mass email and/or text-messaging to alert students, staff, faculty, and parents to website availability.  
|                            | ▪ Consider use of emergency text message to communicate in-person class dismissal information as needed.  |
| Campus Infrastructure       | ▪ Assure 3 deep essential personnel for utilities, security, ITSS, facilities management.  
|                            | ▪ FM to assist in preparation for possible lodging of essential personnel.  
|                            | ▪ Communicate ITSS barriers and options for distance education and remote worksites.  
|                            | ▪ Consider potential for tiered building shutdown based on lack of essential personnel.  |
| Teaching                    | ▪ Prepare for a possible in-person or full scale class dismissal which could last for several weeks.  
|                            | ▪ Determine those classes that require full dismissal due to inability to continue online or via some other mechanism.  |
| Research & Animal Care      | ▪ Contact researchers regarding continuity of research plans.  
|                            | ▪ Contact all animal care programs about continuity of operations.  
|                            | ▪ Consider implementation of laboratory hibernation plans.  
|                            | ▪ Assure adequate stockpile of animal feed, bedding, and euthanasia supplies.  |
| Housing                     | ▪ Assist with communications about influenza symptoms and recommendations for home isolation.  
|                            | ▪ Consolidate housing resources as indicated in housing plan.  |
| Health Services | • Implement planned reductions in routine services.  
• Activate emergency triage and communication plan as indicated by number of students needing care and staff available.  
• Administer antivirals as indicated.  
• Continue appropriate PPE for all HS staff.  
• Behavioral Health: Transition to remote services based on need for services. Decide extent to which regular services can be maintained or only crisis assistance provided. |
| Human Resources | • Reinforce recommendations for ill employees to stay home.  
• Implement social distancing protocols for employees as recommended by MDH.  
• Communicate detailed instructions to supervisors and managers. |
| Public Health Response | • Students needing isolation will be sent home. (UMC Student Health Services, Residential Life & Security Services)  
• Coordinate distribution of antivirals to ill students and contacts if available (UMC Student Health Services, UMC Medical Director, PCPH)  
• Assure ample available tissues, alcohol-based sanitizer in public domains. (FM & Residential Life & Security Services)  
• Distribute face masks for students who are ill if appropriate. (UMC Student Health Services)  
• Distribute and confirm proper fit of N95 masks for personnel who have direct contact with an ill student. (DEHS & ??)  
• Behavioral Health: determine need for additional campus-wide strategies as needed. (UMC Career & Counseling, HR, UMC Student Health) |
| Athletics | • Advise ill athletes to stay home.  
• Plan for potential cancellation of athletic events for up to 4 weeks. |
<p>| Other | • Assess current and projected campus-level financial implications. |</p>
<table>
<thead>
<tr>
<th>GRID E</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Minnesota Response Phase P4-6</strong></td>
</tr>
<tr>
<td><em>P4</em>: Suspected or confirmed human case in Minnesota</td>
</tr>
<tr>
<td><em>P5</em>: Limited outbreak in Minnesota</td>
</tr>
<tr>
<td><em>P6</em>: Widespread cases throughout Minnesota</td>
</tr>
<tr>
<td><strong>Pandemic Severity Index 4 and 5</strong></td>
</tr>
<tr>
<td>Voluntary home isolation of ill adults and children recommended.</td>
</tr>
<tr>
<td>Voluntary quarantine of household members in homes with ill persons recommended.</td>
</tr>
<tr>
<td>Child and adult social distancing recommended by the MDH for a period of 12 weeks.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Internal Coordination</th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ Open EOC as indicated and useful for the appropriate situation.</td>
</tr>
<tr>
<td>▪ Open DOCs as needed (Housing, ITSS, HS, Other).</td>
</tr>
<tr>
<td>▪ Prepare to close campus</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>External Coordination</th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ Confer through Central Administration, recommendations from MDH and Governor’s office on state of emergency.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Communications</th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ Conduct daily messaging via Emergency Preparedness website accessed through U of M homepage.</td>
</tr>
<tr>
<td>▪ Consider mass email and/or text-messaging to alert students, staff, faculty, and parents to website availability.</td>
</tr>
<tr>
<td>▪ Consider use of emergency text message to communicate in-person class dismissal information as needed.</td>
</tr>
<tr>
<td>▪ Provide campus-level information on influenza symptoms and recommendations for voluntary home isolation.</td>
</tr>
<tr>
<td>▪ Ensure adequate behavioral health components within community messages.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Campus Infrastructure</th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ Assure 3 deep essential personnel for utilities, security, ITSS, facilities management.</td>
</tr>
<tr>
<td>▪ FM to assist HRL in preparation for possible lodging of essential personnel.</td>
</tr>
<tr>
<td>▪ Communicate ITSS barriers and options for distance education and remote worksites.</td>
</tr>
<tr>
<td>▪ Consider potential for tiered building shutdown based on lack of essential personnel.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Teaching</th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ Activate in-person class dismissal plans as recommended by the MDH.</td>
</tr>
<tr>
<td>▪ Prepare for up to 12 week in-person class dismissal.</td>
</tr>
<tr>
<td>▪ Determine those classes that require full dismissal due to inability to continue online or via some other mechanism.</td>
</tr>
<tr>
<td>▪ Discuss timing implications with Registrar.</td>
</tr>
</tbody>
</table>
| Research & Animal Care | Contact researchers and animal care programs regarding continuity of research or operation plans.  
| | Laboratory hibernation plans activated or ready to activate.  
| | Assure adequate stockpile of animal feed, bedding, and euthanasia supplies.  
| | Prepare for potential building shutdown and implementation of surveillance plan.  
| | Consider activation of RAR disaster plan.  
| Housing | Evacuate housing.  
| | Consolidate housing resources as indicated in housing plan.  
| | Send students without close homes to UMTC.  
| Health Services | Behavioral Health: Continued monitoring of demand for remote services.  
| Human Resources | Reinforce recommendations for ill employees to stay home.  
| | Recommend cancellation of non-essential in-persons meeting as recommended by the MDH.  
| | Provide means for communication among staff when units are closed. Monitor which services may be provided remote service.  
| | Modify worksite to maximize distance between workers.  
| | Modify work schedules and practices as needed.  
| | Communicate detailed instructions to supervisors and managers.  
| Public Health Response | Assure ample available tissues, alcohol-based sanitizer in public domains. (FM & Housing)  
| | Distribute face masks for students who are ill if appropriate. (UMC Student Health Services)  
| | Distribute and confirm proper fit of N95 masks for personnel who have direct contact with an ill student. (DEHS & ??)  
| | Implement campus disaster behavioral health response plan by use of phones. (UMC Career & Counseling, ITSS, HR)  
| Athletics | Advise ill athletes to stay home.  
| | Prepare for potential cancellation of athletic events for up to 12 weeks.  
| Other | Assess current and projected campus-level financial implications.  

**GRID F**

**Minnesota Response Phase P7**

*Recovery and preparation for subsequent waves*

<table>
<thead>
<tr>
<th>Internal Coordination</th>
<th>▪ Review timing to reconvene in-person classes as needed.</th>
</tr>
</thead>
<tbody>
<tr>
<td>External Coordination</td>
<td>▪ Request recommendation on suspension of social distancing measures from MDH, PCPH as needed.</td>
</tr>
</tbody>
</table>
| Communications        | ▪ Communicate plans for re-institution of in-person classes as needed.  
                        | ▪ Ensure adequate behavioral health components within community messages.  
                        | ▪ Review information needed on Emergency Preparedness website. |
| Campus Infrastructure  | ▪ Re-open shuttered buildings if staff available.  
                        | ▪ Assess ITSS capabilities and re-configure for next wave. |
| Teaching               | ▪ Re-institute in-person classes.  
                        | ▪ Assess successes/failures of distance learning.  
                        | ▪ Evaluate need for replacement instructors. |
| Research & Animal Care | ▪ Re-open hibernated laboratories if staff available.  
                        | ▪ Assess stockpiled animal food, bedding and medication. |
| Housing                | ▪ Prepare to re-open closed University housing.  
                        | ▪ Prepare to re-open Sodexo Dining Services  
                        | ▪ Sanitation procedures per MDH |
| Health Services        | ▪ Suspend phone triage.  
                        | ▪ Assess pharmaceutical cache.  
                        | ▪ Assess PPE cache.  
                        | ▪ Behavioral Health: As health concerns subside and staff are available, transition services back to campus. Assess toll of the pandemic on HS staff. |
| Human Resources        | ▪ Assess workforce by department.  
                        | ▪ Review leave/pay policies with existing situation.  
                        | ▪ As health concerns subside and staff are available, transition services back to campus. Assess toll of the pandemic on unit staff and support staff personal recovery efforts. |
| Public Health Response | ▪ Prepare for vaccination clinics as vaccine becomes available. (UMC Student Health Services & PCPH)  
                        | ▪ Behavioral Health: Review web materials for addressing current mental health issues such as grief and loss, continuing preoccupation with future health issues, and adjusting to “new normal” life circumstances. (UMC Career & Counseling, HR, UMC Student Heath Services, PCPH)  
                        | ▪ Behavioral Health: determine need for additional campus-wide strategies. (UMC Career & Counseling, HR) |
| Athletics              | ▪ Re-institution of athletic schedule as staff and athlete availability dictate. |
Other

- Assess current/projected campus-level financial implications.

VIII. Principal Personnel by Response Area

This information is on file with the following offices: Department of Emergency Management-Twin Cities Campus, UMC Chancellor, Head of the Northwest Research & Outreach Center.

IX. Relevant External Plans and Guidelines


Minnesota Department of Employee Relations. State Agency Pandemic Influenza Service Continuation Guide. September 1, 2006. [http://www.doer.state.mn.us/PandemicFlu.htm](http://www.doer.state.mn.us/PandemicFlu.htm)

