Opportunity & Innovation in a Time of Uncertainty: 
How the University of Nebraska is Learning From and Responding to the Global Pandemic

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UNMC Global Ctr Health Security
A global resource strategically focusing expertise in Clinical Care and Operations, driving innovations in Research and Development, Training and Education that refine and strengthen response to all hazard 21st century threats.

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Global Examples of Emerging and Re-Emerging Infectious Diseases

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Health & Wellness  Social & Economic

DELICATE BALANCE

Health & Wellness  Social & Economic

Higher ED

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Wellness  Economic

Health & Wellness  Social & Economic

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Wellness  Economic

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Key Recovery Community Mitigation Decisions
Delicate Public Health-Social Economic Balance

1. Scientifically based decisions
   1. Testing, tracing & testing
   2. Genetic, antibody & viability
2. Real time data driven decisions
   1. Disease Transmission Control
   2. Health Care System Capacity
   3. Workforce and Supply Chain
3. Regionally determined decisions
4. Multistage transition decisions
5. Vaccines and antivirals decisions

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Wisconsin COVID-19 Diagnosis by Age
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1. Check COVID

Key Professional & Pharmaceutical Interventions

1. COVID Test Development & Deployment
2. Antibody Test Development & Deployment
3. Community ILI Syndromic Surveillance
4. Routine Contact Identification & Tracing
5. Reliable & Timely Data Collection & Sharing
6. Monitor for Secondary & Tertiary Rebounds
7. Antiviral Development & Deployment
8. Vaccine Development & Deployment
9. Implement Mitigation & Response Guides
10. Align federal, state & community actions

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Key Community Mitigation Actions

1. If you are ill, stay home; self isolate & notify health professional
2. If someone in your household is ill, stay home & self isolate
3. Participate in all reporting & contact tracing programs
4. Reduce student density in school, childcare, & group events
5. Reduce close contacts in the community and at places of work
6. Cancel large gatherings, implement telework, create social distancing
7. Use face coverings / masks routinely inside & outside the home
8. Appropriate utilization of medical facilities, workforce & supplies
9. Participate in self screening public health surveillance programs
10. Stay current on all currently available vaccination schedules

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for more information: unmc.edu/healthsecurity

GLOBAL CENTER FOR HEALTH SECURITY

- UNMC/Nebraska Medicine resources, screening
- NETEC provides outbreak updates & resources
- U.S. Public Health Service COVID-19 Guidance
- Child Development Center Pandemic Mitigation & Response Guide
- Meat Processing Facility COVID-19 Playbook
- Pandemic Recovery Acceleration Model-Daily Nebraska Coalition
- Pandemic Recovery Acceleration Model-Weekly Local Health Dept.
- Exploring the Pandemic Recovery Acceleration Model
- Draft Higher Education COVID-19 Pandemic Recovery Guide