

Measles, Influenza, Ebola and More: Developing a Health Crisis Response Plan | 04.27.2015

Dwight Burke

Please find a list below of additional resources from the “*Measles, Influenza, Ebola and More: Developing a Health Crisis Response Plan*” webcast. These resources offer policy checklists and examples that will provide legal guidelines and practical considerations for building a policy that’s right for your campus. If you wish to print only certain resources, you may click their respective links to jump directly to them in the packet.

Pre-Webcast Resources

1. [Health Crisis Resource List](#) – Page 2
2. [Department of Health and Environment Flu Alert Letter](#) – Page 3
3. [Colorado State University Mass Vaccination Clinics PowerPoint Presentation](#) – Pages 4 - 71
4. [Medical Reserve Corps Article: MRC Volunteers of Larimer County Contribute to Mass Vaccination Success](#) – Pages 72 - 75
5. [Colorado State University Press Release: State and Local Health Officials Partner with CSU to Recommend, Provide Free Meningococcal Vaccinations to Campus Community Under 30](#) – Pages 76-77
6. [Colorado State University President Office Communication: Why We Want You to Get the Vaccine on Friday](#) – Pages 78-79

Health Crisis Resources

1. CDC – Crisis Emergency + Risk Communication – 2012 Edition:
http://emergency.cdc.gov/cerc/resources/pdf/cerc_2012edition.pdf
2. CDC – Crisis Emergency + Risk Communication, by Leaders for Leaders – 2004/2005:
http://emergency.cdc.gov/cerc/resources/pdf/cerc_2012edition.pdf
3. DOE – Developing an Emergency Communication Plan for an Institution of Higher Education:
http://rem.s.ed.gov/docs/FY10EMHE_FGM_ATGA_EmergencyCommPlanIHE.pdf
 - a. Scenario and worksheet:
http://rem.s.ed.gov/docs/FY10EMHE_FGM_ATGA_EmergencyCommPlanIHE_ws_t.pdf
4. CDC – Crisis Communication Plan PPT:
<http://www.orau.gov/cdcynergy/erc/CERC%20Course%20Materials/Instructor%20PPT%20Slides/Crisis%20Communication%20Plan.pdf>
5. Higher Ed Law Report Article – EBOLA:
<http://www.higheredlawreport.com/2014/09/cdc-issues-guidance-for-colleges-and-universities-about-ebola-outbreaks/>
6. Illinois Pandemic Flu.org – Crisis Communication Plan info:
<http://www.illinoispandemicflu.org/planning-and-preparing/writing-a-communication-plan>
7. Ebola Guidance: <http://wwwnc.cdc.gov/travel/page/recommendations-international-travel-for-education-purposes-ebola-outbreak-west-africa>
8. Common Immunization Myths and Misconceptions: Talking Points and Resources for Busy Healthcare Professionals: <http://www.immunize.org/catg.d/s8035.pdf>



DEPARTMENT OF HEALTH AND ENVIRONMENT

BOARD OF HEALTH
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January 14, 2013

Public Safety Team
Colorado State University
Fort Collins, Colorado

Dear Members of the Public Safety Team,

As you know, we are experiencing a bad flu season nation-wide, and flu hospitalizations are accelerating in Larimer County at a rapid rate, with 26 people hospitalized just in the past two weeks. If this trend continues, we will have more hospitalizations for influenza this season than in the 2009 pandemic year, the most in the past decade. (We are now at 49 hospitalizations, and there were 66 in the 2009-10 pandemic year.) Spread of influenza is still increasing in this community.

To help reduce the spread of influenza in the community at this time, especially to high-risk populations who could face life-threatening complications, I'm writing to ask Colorado State University to communicate to faculty, students, and staff and instruct them to stay home from work or classes if they have influenza-like illness, at least through the peak of the outbreak, which will likely abate by the end of February.

Such an effort will go a long way to protect the health of campus residents and reduce the spread of disease in an environment where you have such large numbers of people congregating every day.

I sincerely appreciate Colorado State University's long-term and ongoing commitment to protect the public health in Larimer County. CSU has been a very valuable partner with our Department over the past 25 years, as we've dealt with measles, meningococcal disease, influenza, and other outbreaks together.

Thank you for your consideration,

Adrienne LeBailly, MD, MPH
Director, Larimer County Department of Health and Environment

BOARD OF COUNTY COMMISSIONERS

Lew Gaiter III, District I

Steve Johnson, District II

Tom Donnelly, District III

2010 Colorado State University Mass Vaccination Clinics

Kim Meyer-Lee and Janelle Henderson

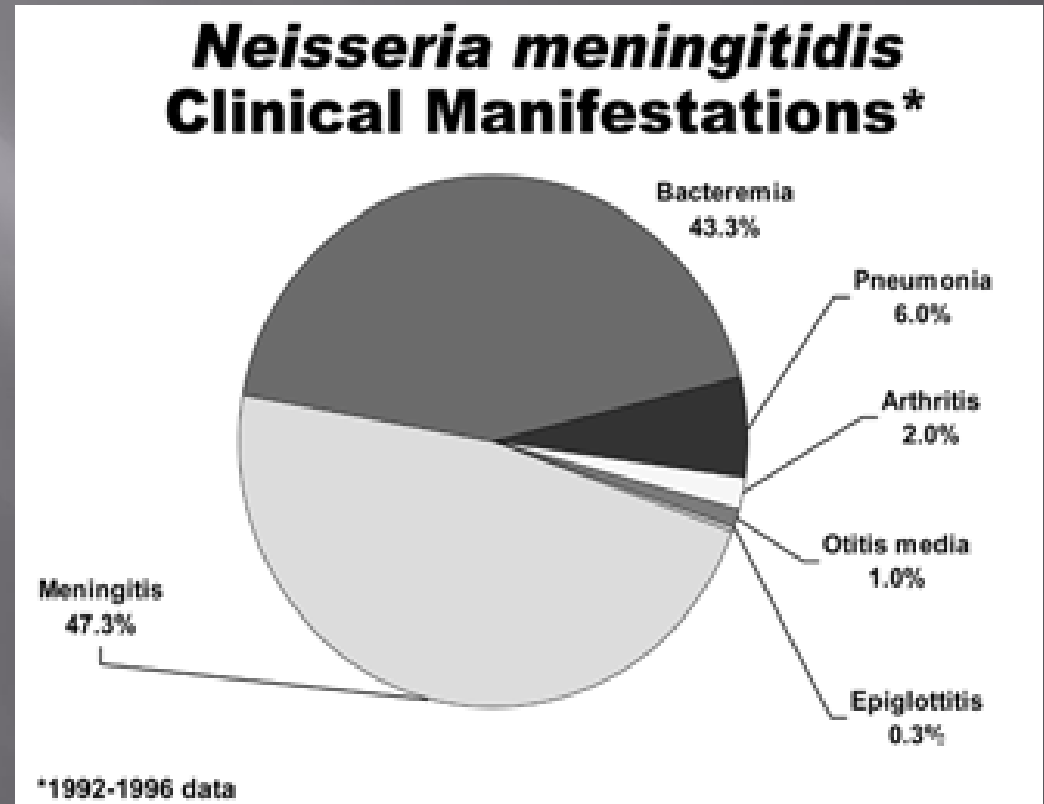
Larimer County Department of
Health and Environment

Meningococcal Disease

- ▣ Acute, potentially severe illness
- ▣ Caused by bacteria: *Neisseria meningitidis*
- ▣ Almost all invasive disease from 1 of 5 serogroups: A, B, C, Y, W-135.
- ▣ Sx: sudden onset of fever, headache, body aches
 - Also, vomiting, nausea, photophobia, altered mental state, stiff neck, rash/skin changes.

Meningococcal Disease—Clinical Features

- ▣ Manifestations:
 - Meningococcal Meningitis
 - ▣ Most common presentation
 - ▣ ~47% of cases
 - Meningococcal Sepsis
 - ▣ ~43% of cases
 - Pneumonia, focal infections



Meningococcal Disease

- ▣ Meningococcal meningitis is most common presentation
 - HOWEVER:
 - ▣ not all meningitis conditions are a result of meningococcal disease
 - ▣ not all meningococcal disease cases present as meningitis

Meningococcal Disease

- ▣ Case fatality rate
 - 9-12% overall for invasive disease
 - 40% for septicemia

- ▣ 20% of survivors have permanent sequelae
 - Hearing loss
 - Neurologic damage
 - Limb loss

Meningococcal Disease

- ▣ Risk factors
 - Immune deficiency
 - No or non-functioning spleen
 - HIV infection
 - Preceding upper respiratory infection (including influenza) may contribute to invasive infection
 - College freshmen in dorms

Reported Meningococcal Disease 2000-2010



Meningococcal Disease

Larimer County Meningococcal Disease Outbreak

- ▣ 8 Cases in 2010
- ▣ 7+ group C
 - (Metro State Student with connections to CSU)
 - CSU student Memorial Day week-end
 - June: 3 Hockey players from Ft Collins hockey league
 - Aug: Child of hockey player teammate
 - Oct: CSU student
 - Dec: CSU student
- ▣ 1 group B (June)

Meningococcal Disease

- ▣ Usual Vaccine Recommendations
 - Children ages 11-12 through college entry
 - Adults if:
 - ▣ college freshmen living in a dormitory
 - ▣ military recruit
 - ▣ damaged spleen or spleen has been removed
 - ▣ certain immune deficiencies
 - ▣ microbiologist who is routinely exposed to *Neisseria meningitidis* (the causal pathogen)
 - ▣ traveling or residing in countries in which the disease is common.

Larimer County Meningococcal Disease Outbreak

Clinics at Colorado State University

- ▣ Target Population
 - CSU student, faculty, staff
 - Household contact of CSU student, faculty, staff
 - AND 2-29 yrs of age
 - AND never vaccinated/ vaccination > 3 yrs ago
 - Extended to Front Range CC
- ▣ 12,000 vaccinations planned to be given over 2 clinics (11/5, 11/11)
- ▣ Joint effort between CDPHE, LCDHE, Health District of Northern Larimer County, CSU

ICS Organizational Chart

CSU Meningococcal Response

Organization Chart

November 10, 2010
0950

On-Campus Communications

CSU: Jody Donovan; 491-1383, 988-8315 (cell)
Dell Rae Moellenberg; 491-6009, 430-9982 (cell)

(HELPLINE) COHELP

LC: Jane Viste; 498-6750, 412-2730 (cell)
CSU: Brad Bohlander; 491-1545, 203-5215 (cell)
CO: Gwen Lewis; 303-739-1162, 303-810-6418 (cell)

Unified Incident Command

CSU: Mark Gill; 491-1643, 219-0780 (cell)
Anne Hudgens; 491-6914, 217-3299 (cell)
LC Health Dept: Adrienne LeBailey, MD; 498-6713, 310-6414 (cell)
CO: Joni Reynolds; 303-692-2363, 303-815-7507 (cell)
Health District: Carol Plock; 224-5209, 218-6757 (cell)
City of Fort Collins/ICS: Mike Gavin; 416-2878, 566-7328 (cell)

PIO / JIS

Public Info Officer / Joint Information System
CSU: Brad Bohlander; 491-1545, 203-5215 (cell)
LC: Jane Viste; 498-6750, 412-2730 (cell)
CO: Mark Salley; 303-692-2013

Safety Officer

Fort Collins: Mike Gavin;
566-7328 (cell)
Weld County: Jon Surbeck;
397-6831 (cell)

LC = LCDHE

CO = CDPHE

CSU = Colorado State University

HD = Health District

OPERATIONS

LC: Avie Strand; 498-6760, 412-2189 (cell)
Nettie Underwood; 498-6761, 412-2731 (cell)
CSU: Jane Higgins; 491-7083, 568-6664 (cell)
Laurie Elwyn; 491-6602, 307-635-8624 (cell)
Lisa Duggan; 491-1727, 219-9928 (cell)

PLANNING

LC: Kim Meyer-Lee; 498-6786, 310-6416 (cell)
Janelle Henderson; 498-6739, 412-2714 (cell)
CSU: Cara Neth; 491-3759, 310-7268 (cell)

LOGISTICS

LC: Doug Bjorlo; 498-6783, 412-2782 (cell)
CSU: Ken Quintana; 491-4749, 567-6589 (cell)

FINANCE & ADMIN

LC: Marie Macpherson; 498-6714, 412-2775 (cell)
CSU: Bob Schur; 491-1059, 691-8220 (cell)

STAFFING

HD: Carol Plock; 218-6757

STAFF RECRUITING

HD: Lin Wilder; 217-3490
LC: Marie Macpherson;
498-6714, 412-2775 (cell)
CO: Chris Lindley; 303-692-2765, 303-435-5120
CSU: Kim Okamoto; 491-3593, 420-6863 (cell)

STAFF REGISTRATION & SCHEDULING & COMMUNICATION

HD: Nancy Stirling;
530-2761

CLINIC MGR/ VACCINATIONS

LC: Avie Strand; 498-6760, 412-2189 (cell)
Pam Steele; 498-6737
Ellie Duke; 498-6737

MEDICAL SAFETY OFFICER

HD: Bruce Cooper; 690-1064

DATA ENTRY

LC: Steve Simonson; 498-6796

PATIENT FLOW

LC: Ginger Hillyard; 498-6732

PATIENT MOVEMENT

LC: KT Gallagher; 498-6789, 222-9786 (cell)

PATIENT CHECK-IN / REGISTRATION & GENERAL SCREENING

LC: Andrea Clement-Johnson; 498-6749
Paula Lady; 498-6768

PATIENT MEDICAL SCREENING

HD: Bruce Cooper;
690-1064

SITUATION UNIT

LC: Kim Meyer-Lee; 498-6786, 310-6416 (cell)

DOCUMENTATION UNIT

LC: Janelle Henderson; 498-6739, 412-2714 (cell)

DEMOBILIZATION UNIT

LC: Kim Meyer-Lee; 498-6786, 310-6416 (cell)
Janelle Henderson; 498-6739, 412-2714 (cell)

SUPPORT BRANCH

Erik Nilsson; 498-5310

FACILITIES UNIT

CSU: Dave Frock; 491-4844, 420-6325 (cell)

SUPPLY UNIT / SANITATION

LC: Charlotte Lockhart; 498-6762
CSU: Cody Fry; 491-2301, 397-8446 (cell)

PARKING UNIT

CSU: Doug Mayhew; 491-1514, 303-519-9449 (cell)

SET UP & EQUIPMENT UNIT

LC: Doug Ryan; 498-6777, 412-2584 (cell)
CSU: Jeff Huskey; 491-2011, 936-645-1076 (cell)

SECURITY UNIT

CSU: Christopher Wolfe; 491-2312, 690-2485 (cell)

SERVICE BRANCH

Deb Blandin-Surbeck; 590-4119 (cell)

FOOD UNIT

CSU: Deon Lategan; 491-4776, 689-8148 (cell)

EMS UNIT

PVH: Dave Schmillen; 970-689-2462 (dispatch)

ITAC UNIT

LC: Bruce Peters; 498-6757, 420-0324 (cell)
Joe Schreurs; 498-6705, 303-834-5234 (cell)
CSU: Scott Bailey; 491-4412, 567-0123 (cell)

VACCINE TRANSPORT UNIT

LC: Janelle Henderson; 498-6739, 412-2714 (cell)
Sandy Sheahan; 491-0107, 556-6509 (cell)

COMP/CLAIMS UNIT (Risk Management)

LC: Marie Macpherson;
498-6714, 412-2775 (cell)
CSU: Sally Alexander;
491-7726

COST UNIT

LC: Marie Macpherson;
498-6714, 412-2775 (cell)
CO:

PROCUREMENT UNIT

LC: Marie Macpherson;
498-6714, 412-2775 (cell)

ON-LINE REGISTRATION

LC: Bruce Peters; 498-6757, 420-0324 (cell)
Joe Schreurs; 498-6705, 303-834-5234 (cell)

Approved by: Adrienne LeBailey, MD

Tasks

1. Command
2. PIO/JIS
3. Safety Officer
4. Staff recruiting
5. Staff registration, scheduling and communication
6. Clinic management for vaccinations
7. Medical safety officer
8. Data entry (patient records)
9. Patient movement
10. Patient registration
11. Patient general screening
12. Patient medical screening
13. Observation
14. Planning (situation unit, resource unit, documentation unit, demobilization unit)
15. Facilities
16. Supplies and equipment
17. Sanitation, including medical waste
18. Worker parking
19. Clinic set up and central supply
20. Security
21. Food (worker and patient)
22. EMS
23. ITAC (on-line patient registration system, on-site patient registration system, worker registration system, clinic communications systems)
24. Worker check-in / check-out
25. Risk management
26. Cost
27. Procurement
28. Vaccine management and transportation
29. Vaccine Information Statement distribution
30. History checking
31. Signage
32. Worker transportation
33. Worker training
34. CAD drawing

Incident Action Plan

INCIDENT OBJECTIVES			
ICS 202			
1. Incident Name: CSU Meningococcal Response		2. Date Prepared: November 4, 2010	
3. Time Prepared: 1447	4. Operational Period	Date: November 5, 2010	Time: 0700-2000
5.	Objectives for the Operational Period:		
<ol style="list-style-type: none"> 1. Operate the 11/5 CSU Meningococcal Vaccination Clinic to provide 6000 meningococcal vaccinations to targeted CSU students, faculty and staff. Remaining set up and deliveries to begin at 0700; vaccinations given 1000 to 1800. 2. Continue assistance with on-site vaccination registration at Student Recreation Center. 3. Determine need for a second vaccination clinic (with an additional 6000 vaccinations) to be held on November 11, 2010. Unified Command will determine the need for second clinic by end of 11/5 clinic operation. 			
6.	Weather Forecast for Operational Period:		
<p>Tonight: Clear, with a low around 33. Calm wind becoming northwest around 8 mph.</p> <p>Friday: Sunny, with a high near 69. West northwest wind around 8 mph becoming calm.</p> <p>Friday Night: Clear, with a low around 37. North northwest wind between 3 and 6 mph.</p>			
7.	General Safety Message:		
<p>Maintain general health. Monitor self and co-workers for signs of stress and/or fatigue. Report incidents of concern to your supervisor. Take breaks as allowed. Stay hydrated; meals and snacks will be provided in the employee break room. Needle sticks or other injuries must be reported immediately to Safety Officer. For those parking in construction parking lot, be aware of uneven surfaces and hazards in the area. All workers must check in and check out.</p>			
8.	Attachments (check box if attached):		
<input checked="" type="checkbox"/>	Organization List (ICS 203)	<input type="checkbox"/>	Medical Plan (ICS 206)
<input checked="" type="checkbox"/>	Assignment List (ICS 204)	<input checked="" type="checkbox"/>	Incident Map
<input checked="" type="checkbox"/>	Communication Plan (ICS 205)	<input type="checkbox"/>	Traffic Plan
<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	Organizational Chart
<input type="checkbox"/>		<input type="checkbox"/>	Joint Information System Chart
<input type="checkbox"/>		<input checked="" type="checkbox"/>	Contact List (205a)
9.	Prepared by (Planning Section Chief):		Kim Meyer-Lee
10.	Approved by (Incident Commander):		Adrienne LeBailly, MD

Public Information Campaign

- ▣ Television, Radio, Newspaper
- ▣ Social Media (Facebook, Twitter)
- ▣ Direct email to students, faculty, staff and parents
- ▣ Websites
- ▣ Telephone Hotline (COHELP)
- ▣ Informational Posters
- ▣ Health Alert Network (HAN)

Media

- Television
- Radio
- Newspapers



VACCINE



Vaccine Storage



Client Registration

- ▣ PHEWR – Public Health Event Web
Registration
 - Tested during H1N1 clinics
 - Allows clinic clients to be spread throughout the day
 - Enables client to select time slot for service
 - Clinic and vaccination information provided
 - Able to print out screening form and registration
 - Number of slots adjustable
 - ▣ Open new slots
 - ▣ Limit slots to allow for staffing/flow/etc.



Larimer County PHEWR - 'Public HealthWeb Registration'

> Home

Welcome to the PHEWR 'Public Health Web Registration' system developed by Larimer County, Colorado as an Open_Source application.

PHEWR was developed to help public agencies better manage large scale vaccinations and clinics. PHEWR was designed to be highly user configurable making it adaptable and easily deployed; events can be quickly created, scheduled, and made available to the public via public webpages. Scheduled events can include venues requiring multiple locations, dates, and times. PHEWR provides the ability to pre-qualify clients during event registration using screening question sets created by the event planner. The day of the event PHEWR provides event staff with client pre-registration ID's and printed registration forms including integrated bar codes to aid in fast client processing.

Already Registered?

If you are already registered you may need to:

- [Cancel Registration](#)
- [Modify Registration Info](#)
- [Print Ticket](#)

Begin Registration

Event to register for: Flu Clinic

How many family members are you registering now: 1

Begin Registration...

Step 1 of 5

Select Event/Time - Windows Internet Explorer

http://vart/apps/phewrpublic/screening.cfm

Web Slice Gallery

Select Event/Time

PHEWR
Public Health Event Web Registration

Larimer County PHEWR - 'Public HealthWeb Registration'

> [Home](#) > [Family Information](#) > [Screening Questions](#) > Select Event/Time

Select Event/Time

Select the time slot below that you wish to register for. Click the type of service link to display the available slots for the service you are interested in.

Registration Group 1

Select time for the registrants in this group:

- Jane Doe

FluMist

Date	Start Time	End Time
<input type="radio"/> Friday, February 18	8:00 AM	8:30 AM
<input type="radio"/> Friday, February 18	8:30 AM	9:00 AM
<input type="radio"/> Friday, February 18	9:00 AM	9:30 AM
<input type="radio"/> Friday, February 18	9:30 AM	10:00 AM
<input type="radio"/> Friday, February 18	10:00 AM	10:30 AM
<input type="radio"/> Friday, February 18	10:30 AM	11:00 AM
<input type="radio"/> Friday, February 18	11:00 AM	11:30 AM
<input type="radio"/> Friday, February 18	11:30 AM	12:00 PM
<input type="radio"/> Friday, February 18	12:00 PM	12:30 PM
<input type="radio"/> Friday, February 18	12:30 PM	1:00 PM
<input type="radio"/> Friday, February 18	1:00 PM	1:30 PM
<input type="radio"/> Friday, February 18	1:30 PM	2:00 PM
<input type="radio"/> Friday, February 18	2:00 PM	2:30 PM
<input type="radio"/> Friday, February 18	2:30 PM	3:00 PM
<input type="radio"/> Friday, February 18	3:00 PM	3:30 PM
<input type="radio"/> Friday, February 18	3:30 PM	4:00 PM

[Continue...](#) Step 5 of 5

Local intranet | Protected Mode: Off

100%

john davis



JOHN D 01-02

Friday - 8:30 AM

Ticket Number: 51-437267 You MUST bring this ticket to the clinic.

Location: Larimer County Court House Date: 12/17/2010 Time: 8:30 AM

Age: 34 Date of Birth: 01/02/1977

Email: reabd@co.larimer.co.us Phone: (970) 669-9999

Questions

1. Is the Child less than 2 years old?
Yes
2. Does the child have preexisting conditions?
No
3. Is the Child male or Female
Male
4. Has the child been vaccinated for?
Menactra
5. How does the child feel today?
good
6. What day is it? _____
7. How are you ?
☐ Yes
☐ No
8. Second Multiple Choice print-only question
☐ Yes
☐ No

Student's Full Legal Name: _____ Nickname: _____ Grade: _____ Date of Birth: _____ Gender: _____

Student's Cell Phone Number: _____ Student's email: _____ Years @SSFS: _____

Parent/Guardian#1 _____ Home #: _____ Work #: _____ Cell #: _____

Address: _____ Email: _____

Parent/Guardian#2 _____ Home #: _____ Work #: _____ Cell #: _____

Address: _____ Email: _____

*If parent or guardian cannot be reached in an emergency, SSFS has permission to release child to:

Worker Registration




- ▣ Volunteer registration managed by Health District of Northern Larimer County
 - Sorted by task, number needed per shift
 - Credentialing
 - On-line training
 - Maps, clinic info
 - Email confirmation, notifications, updates

- ▣ 473 unduplicated workers from 26 cities & counties and 43 other employers

Worker Registration

Position	Number Needed / Clinic
General Clinic Staff	55
Screening (Gen & Med)	31
Patient Ck-in, Registration	18
Vaccination Administration	182
Patient Ck-out, Observation	24
Other (Clinic Setup, Safety, Security, EMS, Vaccine, JIS, Command, ITAC)	25
Total	335

Worker Registration Home Page



- CSU Vacs Home
- Clinic Dates/Times/Locations
- Position Descriptions
- Clinical Positions Sign-Up
- Non Clinical Positions Sign-Up
- Training
- What to Expect

GIVE. ADVOCATE. VOLUNTEER.
LIVE UNITED.
United Way of Larimer County United Way

A special thank you to United Way 2-1-1 Volunteer Center of Larimer County for making this online sign-up system possible.

CSU MENINGOCOCCAL VACCINATION CLINIC(S)

Worker Sign-up Website

Thank you for visiting the Worker Sign-up website for the 2010 CSU Meningococcal Vaccination Clinic(s).

The Larimer County Department of Health and Environment, the CSU Health Center, and the Health District of Northern Larimer County are partnering together to provide this clinic with assistance from the Colorado Department of Public Health and Environment.

Clinical

Currently licensed or certified medical professionals.

Non Clinical

If you are interested in helping with a variety of other positions that do not require medical education or experience.

A vaccination clinic will be held on **Thursday, November 11, 10:00 am to 5:00 pm at the CSU Recreation Center**. The clinic will provide free vaccinations to people who are in the following categories:

- 1) CSU students, faculty, and staff who are under 30 years of age and either:
 - have never had the meningococcal vaccine, OR
 - have had a meningococcal vaccine, but over 3 years ago;

AND

- 2) People who live in the household of someone in Category 1 above, who are between 2 and 29 years of age, and who meet the same criteria (either never had a meningococcal vaccine, or had one but it was more than 3 years ago).

The goal is to vaccinate up to 6,500 individuals during this clinic and we appreciate your help in making this happen!

The Health District of Northern Larimer County is assisting the Larimer County Health Department and the CSU Health Center in finding the right people to help at these clinics. We need many people with many different skills to pitch in and help. Some positions require clinical training or medical or nursing degrees. But there are also opportunities for others who do not have any special medical training.

Please see the information at left or click on one of the buttons above to learn more about the clinic and opportunities available to participate. **NOTE:** All Clinic Workers must be at least 18 years of age to work this clinic.

List of Positions



- \\ C.S.U. Vacs Home
- \\ Clinic Dates/Times/Locations
- \\ Position Descriptions
- \\ Clinical Positions Sign-Up
- \\ Non Clinical Positions Sign-Up
- \\ Training
- \\ What to Expect



Show positions on that still need or more workers

List of Positions Found

Click on the title of a position to register. Click on the column headings to sort.

ID	Position Title	Description	Medical	Still Need
29	Post-Vaccination Observer - Medical	Medically trained personnel who will respond to medical emergencies that might occur within the clinic area until the Emergency Medical System can assume patient care. They will contact EMS and provide initial patient management of adverse vaccine reactions including anaphylaxis and other potentially life threatening medical emergencies.	Yes	1
27	Vaccinators - All Ages	Will confirm that client has no absolute contraindications to vaccination with MCV4. Will administer IM MCV4 vaccine per standard protocol. Will dispose of sharps in appropriate receptacle. Will be able to recognize, respond to, and alert emergency medical personnel to possible post-vaccination reactions. DUE TO SHIFT TIMING, VACCINATORS MAY ONLY WORK ONE SHIFT PER DAY.	Yes	5
31	Vaccinators-Relief	Will provide coverage of vaccination positions so that other workers can take breaks. Please see VACCINATOR position above for detailed position requirements.	Yes	1

Position Information Screen

\\ CSU Vacs Home

\\ Clinic Dates/Times/Locations

\\ Position Descriptions

\\ Clinical Positions Sign-Up

\\ Non Clinical Positions Sign-Up

\\ Training

\\ What to Expect

GIVE. ADVOCATE. VOLUNTEER.

LIVE UNITED™

United Way
of Larimer County

United Way

Vaccinators - All Ages

ID: 27

Position Title: Vaccinators - All Ages

Medical: Yes

Description: Will confirm that client has no absolute contraindications to vaccination with MCV4. Will administer IM MCV4 vaccine per standard protocol. Will dispose of sharps in appropriate receptable. Will be able to recognize, respond to, and alert emergency medical personnel to possible post-vaccination reactions. DUE TO SHIFT TIMING, VACCINATORS MAY ONLY WORK ONE SHIFT PER DAY.

Qualifications: Must have a current Colorado license in good standing for RN, LPN, MD, DO, Pharmacist with Certificate of Immunization Training, Paramedic, or EMT-Intermediate. Must have been credentialed, or bring a copy of their professional license and, if a pharmacist, certification of vaccination training to present at check-in. • Vaccinators will be expected to review on-line orientation and training materials posted on the Training [link] link on the sidebar prior to their first shift.

Note – Vaccinators will be expected to review on-line orientation and training materials posted in the [Training](#) section of this website prior to their first shift.

Note - Optional skills refresher training will be offered; See [Training](#) for more information.

Contact: If you have questions or need assistance with the registration process contact Jen Ramsey at (970) 530-2738 or [email](#)

Youth Appropriate: No

Check the shifts you'd like to register for, then click "Register."

Shifts for Vaccinators - All Ages

Register	ID	Date	Time	Location	Need	Registered	Still Need
<input type="checkbox"/>	1034	Thur, Nov 11	8:30 AM - 2:30 PM	CSU Recreation Center	6	4	2
<input type="checkbox"/>	1099	Thur, Nov 11	8:30 AM - 5:00 PM	CSU Recreation Center	59	56	3
<input checked="" type="checkbox"/>	1035	Thur, Nov 11	1:00 PM - 5:00 PM	CSU Recreation Center	6	6	0

Register

Worker Website Training Page



- CSU Vacs Home
- Clinic Dates/Times/Locations
- Position Descriptions
- Clinical Positions Sign-Up
- Non Clinical Positions Sign-Up
- Training
- What to Expect



CSU MENINGOCOCCAL VACCINATION CLINIC(S)

TRAININGS - OVERVIEW

FIRST SHIFT ON-SITE TRAINING REQUIRED FOR ALL POSITIONS

All individuals serving in a clinic will be required to attend an on-site orientation and training at the beginning of their first shift. **Shift times for positions include time for clinic worker check-in and training. You must arrive by the specified starting time of your first shift.** It is important that each individual attend a "pre-shift" training for each position they will be serving, as each position has unique tasks associated with it.

ON-LINE TRAINING MATERIALS FOR ALL CLINICAL POSITIONS

All clinical service providers will need to become familiar with the on-line materials, whether or not they attend an in-depth training.

Clinical Position Online Training

- [Post Vaccination Observer - Medical](#)
- [Screener - Medical](#)
- [Vaccinator](#)

Non Clinical Position Online Training

- [Patient Movement](#)
- [Patient Registration](#)
- [Screener- General](#)

CSU Student Recreation Center



Directional Signage



Clinic Entrance



Lobby



Worker Check-In



Worker Check-In



Media Check-In



Vaccination History Area



Lobby



Registration Area



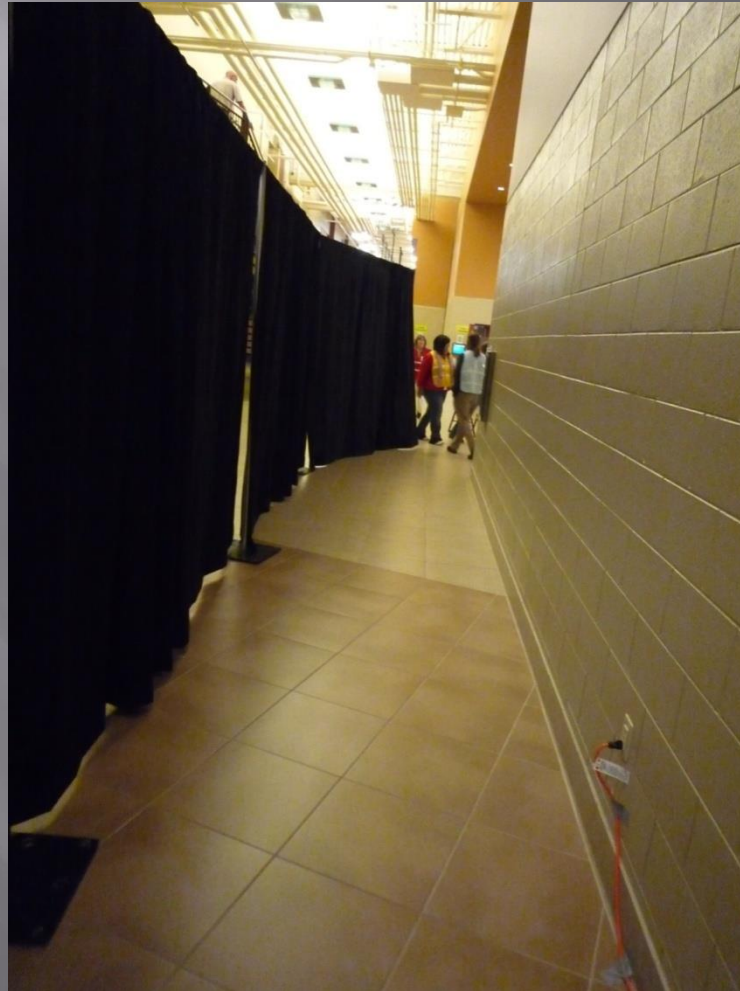
Registration Area



“Express Lane”



Hallway Maze



Traffic Directors



General Screening



Medical Screening



Vaccination Queues



Vaccination Area



Vaccination Area



Vaccination Tables



Medical Observation Area



Exit from Observation Area



Exit



Command



ITAC



ITAC



Data Entry



Central Supply



Supply Carts



Worker Break Area



Just-In-Time Training Room



Clinic Worker Parking



Long Walk



Longer Walk



Worker Shuttle



The Big Finish

- ▣ November 5th clinic from 10 am to 6 pm
8,085 registered
7,608 vaccinated
- ▣ November 11th clinic from 10 am to 5 pm
2,858 registered
2,560 vaccinated
- ▣ Total 10,168 vaccinated at total cost of ~\$1.2 million

Lessons Learned

- ▣ What worked well...
 - Experience with previous Mass Vaccination Clinics
 - Partnering agencies
 - Location
 - PHEWR
 - Volunteer management tool (HDNLC)
 - Volunteer requests
 - Clinic advertising/publicity

Lessons Learned

- ▣ Still needs work:
 - Internal communications
 - Just-in-time training
 - Practice in ICS
 - Resource management
 - Rewrite of POD plan

Lessons Learned

- ▣ Still in the works...
 - AAR
 - Final version of PHEWR

Questions????

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MRC ★ In Touch

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February—National
Children's Dental Health
Month

LINKS

MRC

2011 Integrated Medical,
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and Response Training
Summit

MRC at NACCHO

Featured Article

MRC Volunteers of Larimer County Contribute to Mass Vaccination Success

During the month of November, volunteers from the MRC of Larimer County (CO) along with MRCs throughout Colorado, participated in mass meningococcal vaccination clinics for students and staff at the Colorado State University (CSU) in Fort Collins. Twenty-one of the 24 units in Colorado were represented at the clinics.

Since the spring of 2010, Larimer County encountered seven cases of severe meningococcal disease, resulting in four deaths. Many of the cases had ties to the university. The clinics were held to provide mass vaccination against the bacteria in an attempt to block its further transmission among this high risk group.

Meningococcal disease can be life-threatening if not treated. Even if the disease is treated in time to prevent death, victims of this disease may face life-altering affects such as difficulty walking, talking, learning disabilities, hearing loss, organ failure and circulatory impacts to skin and muscles, sometimes resulting in the need for amputation.

As the meningococcal disease outbreak evolved in the community, the Larimer County Department of Health and Environment stayed in close contact with both the Colorado Department of Health and Environment (CDPHE) and the Centers for Disease Control and Prevention (CDC).

It was during this time that the CDC was reviewing its vaccine recommendations and determined that the vaccine for meningococcal disease might not be effective for as long as initially thought, thus requiring booster doses for certain groups at risk of developing the illness.

College students comprise one of the groups with the highest risk of exposure to the bacteria and of developing one of the serious, sometimes fatal, forms of the disease (meningitis or septicemia).

Both the CDC and CDPHE recommended a mass vaccination clinic on campus at CSU. The target population for the vaccinations was

approximately 20,000 people including students, faculty, and staff who were 29 years old or younger; in addition to household members of CSU students, faculty, and staff between the ages of 2 to 29 years old.

When the call was made for clinic volunteers, local and state e-mail alerts were sent from the Colorado Volunteer Management System by the local and state MRC unit coordinators. MRC volunteers and other volunteers such as hospital nurses throughout Colorado, quickly responded. On November 5 (10 AM–6 PM) and November 11 (10 AM–5 PM), with approximately 180 vaccinators per clinic, MRC volunteers provided vaccinations, helped with general medical screening, and contributed to patient movement at the clinics. After the clinics, a total of 10,168 people were vaccinated at the two CSU clinics.

The MRC of Larimer County was prepared for the mass vaccination clinic through its recent experience with successful H1N1 vaccination clinics. The meningococcal clinics used processes that were successful in the H1N1 clinics such as the volunteer registration system; a public health website registration for vaccine registration; the use of the Incident Command System; and Just-in-Time training for volunteers.

The clinics may have set a new world record for the number of vaccinations at a one-day clinic. According to the Guinness Book of World Records, the current record-holder for most vaccinations given at a clinic is held by Kaiser Permanente which provided which provided 6,215 flu vaccinations in 8 hours in 2010. The Larimer County/CSU clinics provided 7,608 vaccinations in an 8-hour period.



MRC/NACCHO Connections



Community Health Status Indicators Project

The Community Health Status Indicators Project (CHSI) Web site makes detailed health and demographic information about each of the nation's 3,141 counties widely available and easily accessible. County-level reports measure each county against national averages, other counties with similar demographics, and Healthy People 2010 targets. The website provides the public the most detailed picture of health at the county level and is an invaluable resource for public health departments, policymakers, and community advocates.

The CHSI reports provide an update to reports released in 2000.

CHSI project partners include NACCHO, the Public Health Foundation, the Association of State and Territorial Health Officials,

the National Association of Local Boards of Health, the Health Resources and Services Administration, the Centers for Disease Control and Prevention, and the National Library of Medicine. <http://www.communityhealth.hhs.gov>

Announcements



Register Today for the 2011 Integrated Training Summit

The 2011 Integrated Medical, Public Health, Preparedness and Response Training Summit will take place May 1–5, 2011 in Grapevine, TX. To learn more about the Integrated Training Summit, visit <http://www.integratedtrainingsummit.org>.

To register for the Summit, visit <http://www.integratedtrainingsummit.org/registration.php>. Registration fees will increase after March 1, 2011.

How to Register

There is not a direct link to register. The application and registration are combined into one. Visit <http://www.integratedtrainingsummit.org>. Click the tab on the top that says "Registration." At the top of the page click on the "Register Now" link. Choose your registration type in the "Contact Type" drop down menu (either MRC Unit Leader scholarship or MRC State Coordinator scholarship).

If you have any other questions, contact Laura Harrison at lharrison@naccho.org.

OCVMRC and NACCHO Announces 2011 MRC Special Projects Awards for States

The Office of the Civilian Volunteer Medical Reserve Corps (OCVMRC) and the National Association of County and City Health Officials (NACCHO) are pleased to announce the *2011 MRC Special Projects Awards for States* competitive application process. The purpose of this funding is to build and enhance the relationship between the State and local MRC units with the goal of increasing the capacity of MRC units through statewide initiatives. Twenty-five awards in the amount of \$15,000 are available.

Applications will be available online from January 18th 2011 to March 1st 2011 at 5 pm (EST). To access the application page, visit: <http://eweb.naccho.org/eweb>. For more information on the 2011 MRC Special Projects Awards for States process, please visit: <http://www.naccho.org/topics/emergency/MRC/index.cfm>.

If you have any other questions about applying for the *2011 MRC*

Special Projects Awards for States application process, please contact Rebecca Gehring at (202)783-1418 or MRC Awards@naccho.org.

MRC Lessons Learned and Experience Sharing

"MRC lessons learned and experience sharing" is a way for MRC units to share their practices, examples, and success stories. It is designed to highlight the challenges and successes of MRC units' involvement with emergency preparedness, response, and public health activities; therefore, MRC units and their leaders can learn from one another. <http://www.naccho.org/topics/emergency/MRC/resources/mrcshare.cfm>

To submit information for either MRC: In Touch or MRC: In Focus, please contact Megan Skupien at mskupien@naccho.org or (202)783-1376.



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1100 17th Street, NW, 2nd Floor, Washington, DC 20036

FOR IMMEDIATE RELEASE
November 1, 2010

Contact: Brad Bohlander
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State and Local Health Officials Partner with CSU to Recommend, Provide Free Meningococcal Vaccinations to Campus Community Under 30

FORT COLLINS-Colorado State University, the Colorado Department of Public Health and Environment, the Larimer County Department of Health and Environment and the Health District of Northern Larimer County are partnering to provide free vaccines to the CSU campus community, their families and roommates who meet specific age criteria from 10 a.m. to 6 p.m. on Friday, Nov. 5 at the Student Recreation Center.

The CDPHE has recommended that all CSU students and employees 29 years of age and younger receive a meningococcal vaccination if they have not received one within the past three years. Following CDPHE recommendations, the free vaccine clinic will be available to anyone 2 to 29 years old who is a:

- CSU student 29 years old or younger;
- CSU employee 29 years old or younger;
- Household member of a CSU student or employee (family members and roommates) who are 2 to 29 years old.

The Centers for Disease Control has declared an outbreak of meningococcal disease in Fort Collins; vaccines are being encouraged to prevent meningococcal disease and reduce the risk of further cases of the disease which has resulted in four fatal illnesses in Larimer County over the last five months.

Students and employees are encouraged to pre-register for a vaccination time online, beginning at 8 a.m. on Wednesday, Nov. 3. A link to the registration site will be available from www.safety.colostate.edu. Pre-registering will speed up the process significantly, with an estimated average 15 minutes or less from arrival to completed vaccination. Students and employees also can walk-in to the clinic and sign-up for a vaccination, but might be required to wait longer or return at a later time. An additional clinic might be added the following week depending on demand.

“Meningococcal disease is a devastating illness and college-age persons are at higher risk of becoming very ill from it,” said Dr. Adrienne LeBailly, director of the Larimer County Health Department. “For their own protection, we are asking all CSU students and employees 29 and younger to be vaccinated.”

LeBailly added that there have been no new reported meningococcal disease cases in Larimer County or among the CSU community since the death of a young woman on October 20.

“However, public health officials believe this will help us in our long-term strategy to prevent further cases of meningococcal disease within the CSU and larger Fort Collins community,” she said.

Beginning Tuesday, CO HELP, an information resource of the Colorado Department of Public Health, will assist callers by providing information to help answer questions about meningococcal disease. In addition, CO HELP will be able to search the state's vaccine registry for students and others who want to verify if or when they received their last vaccination. CO HELP is available toll-free at 1-877-462-2911 from 8 a.m. to 5 p.m., Tuesday through Friday this week.

“Working with state and local health officials, our goal is to make vaccinations free and convenient for the targeted CSU community before the fall break, and to continue doing everything we can to protect our community from meningococcal infection,” said Anne Hudgens, director of the CSU Health Network. “Thanks to the tremendous support from the CDPHE and local health officials, we believe this effort will help prevent severe illness from this particular strain of bacteria across the campus and in Fort Collins.”

Last week, the Centers for Disease Control's advisory committee that provides recommendations on vaccination said that immunity provided by the meningococcal vaccine declines over time. After five years, it no longer protects against meningococcal disease. CDPHE is recommending that the CSU target population get vaccine boosters after three years because of the current meningococcal disease outbreak in Larimer County. CDPHE is providing vaccine for free to the CSU clinic.

The Fort Collins community has seen a higher than usual number of serious meningococcal infections over the last five months, including Christina Adame, a CSU student who died from the infection on Oct. 20. The state has confirmed seven meningococcal disease cases linked to the outbreak in Larimer County (one of those lived in the Denver area with links to the CSU campus community). Five cases, including the one in Denver, resulted in death.

College students are at a higher risk of meningococcal disease due to their age and lifestyle, such as living in crowded spaces and being more likely to share food, drinks, smokes, and utensils when socializing. Health officials believe that vaccinating persons 29 and younger on campus could help reduce additional cases of meningococcal disease across the Fort Collins community.

Health officials advise people outside the CSU community who want a meningococcal vaccination to check with their physician or pharmacy about the vaccine. According to health officials, meningococcal vaccine is readily available for order from pharmaceutical companies, but local providers' supply may be temporarily unavailable due to increased demand. The cost for these vaccines is about \$125 for the vaccine and administration.

For more information about meningococcal disease, the difference between bacterial and viral meningitis, and the meningococcal vaccine, visit www.safety.colostate.edu.

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Why We Want You to Get the Vaccine on Friday

November 3, 2010

To the Colorado State University Community:

People are always giving me a hard time about the length of my campus e-mails, so for those of you who don't want to read any further, here's the point of this one: I want students and any employees under age 30 to go in this week and get the meningococcal vaccine — it's free this Friday at the Student Rec Center.

About two weeks ago, we lost a sophomore, Christina Adame, to meningococcal disease. While it's not technically meningitis, this disease involves the same germs that cause meningitis, and that bacterium has been linked to four deaths in Larimer County in the last several months. Many of us carry this bacterium around in our throats and don't even know it, never even having any symptoms. But in the rare case that someone is susceptible to infection, the resulting illness can be very, very serious.

Recommending vaccines for those under age 30

We don't want another CSU student (or an employee) to die from this preventable disease, which can be easily spread among college students who typically live, work, study, and socialize in a somewhat concentrated area. Because of Christina's death and the number of recent cases in Northern Colorado, state health officials are now recommending that everyone under age 30 in the CSU community get vaccinated. As of this week, they've provided us with free vaccines to make this as cheap and convenient as possible for all of you in the high-risk age group.

So with this e-mail, I'm asking that you go in at your convenience and get the shot if you haven't had it within the last three years.

Free vaccination clinic this Friday, Nov. 5

The vaccines are already available at Hartshorn for about a \$14 fee, but on Friday, we'll be offering an open vaccination clinic from 10 a.m.-6 p.m. at the Student Recreation Center where you can get the shot for free. We've set up a simple online registration process that will allow you to walk in and avoid a lot of waiting in line.

Faculty and staff who are under 30 years old — and household members of students, faculty, and staff ages 2-29 — are also invited to take advantage of these free vaccines. If you're over 30, you're generally not considered in the high-risk group, but if you're concerned, talk with your family doctor. Health-care providers throughout Fort Collins can provide the vaccine. (It's not recommended for people over age 55.)

I'm sending this note today as CSU's president, but also as a father of three daughters who are in the high-risk age group. The advice I'm giving to you is the same thing I'd tell my own family. I'm also a pathologist, and from that perspective, I want to be honest: The odds of you actually getting meningococcal disease are very low. And even if everyone on campus and in the City of Fort Collins gets a vaccination, we can't guarantee that somebody else won't get sick.

You can save someone else's life

Still, these vaccinations will help slow down the spread of this bacterium until it loses its potency and no longer presents any real threat to the broader community. So even if the odds of you getting sick yourself are small, there's a chance you could be saving someone else's life by getting vaccinated now. We can't require you to do it, but it's the right thing to do.

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For more information on what you need to do to get vaccinated, go to www.safety.colostate.edu. You can sign up now to register for a vaccination time. If you have questions and want to talk to someone about whether you or someone in your household should get the shot, call CO HELP at 1-877-462-2911 from 7 a.m. to 11 p.m. weekdays and 9 a.m.-5 p.m. weekends.

Thanks for stepping up for the health of our community,

-tony

Dr. Tony Frank
President

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