

Jonathan Herington

From: Jonathan Herington [Jonathan.Herington@foa.anu.edu.au]
Sent: Friday, 12 June 2009 2:57 PM
To: Jonathan Herington
Subject: FW: Biosecurity News 25

**BIOSECURITY NEWS 25**

11 May 2009

Contents

1. Program News
2. Conferences, Seminars and Journal Issues
3. Special Coverage – H1N1 Influenza A
 - Official Sources
 - Epidemiology and Impact
 - Response
 - Editorial and Commentary
4. News and Articles
 - Pandemic and Avian Influenza
 - HIV
 - Emerging and Re-emerging Infectious Diseases
 - Biological Weapons
 - Biosecurity Policy and Ethics
 - Global Health Governance and Disease Control

If you received this email as a forward and wish to subscribe to future issues of Biosecurity News, please contact Jon Herington (Jonathan.Herington@foa.anu.edu.au)

1. Program News

The University of Sydney is advertising for a Project Officer to undertake administrative and research support for the National Centre for Biosecurity and the Centre for International Security Studies. Closing date for submissions is **TOMORROW**, 12 May 2009.

Please see the advertisement at: <http://www.researchjobs.net.au/search.php?n=1&id=15331&state=NSW>

Jon

2. Conferences, Seminars and Journal Issues

Global Biosecurity 2010: safeguarding agriculture and the environment is an international conference to be held **28 February – 3 March 2010** in Brisbane, Australia. It will focus on agricultural and environmental Biosecurity. Abstracts are due by **31 July 2009**. More information: www.globalbiosecurity2010.com

The *New England Journal of Medicine* has set up a special online clearing-house for research and correspondence on the H1N1 influenza. Detailed case reports, epidemiological investigations and commentary are already appearing. Accessed at: <http://h1n1.nejm.org/>

The *Journal of Infectious Diseases* current issue contains a series of articles on H5N1 avian influenza. Accessed at:

<http://www.journals.uchicago.edu/toc/jid/0/0>

Previous Announcements

- The Lancet Infectious Diseases and The Lancet are organising a conference and special issue on influenza in the Asia-Pacific region. Conference: **21-23 August, 2009** in Qingdao, China. More info: <http://www.thelancet.com/journals/laninf/article/PIIS1473309909700829/>
- US Department of State's **Biosecurity Engagement Program** provides funding for travel to biosecurity-related conferences. More information: <http://www.bepstate.net/index.html>

3. Special Coverage: H1N1 Influenza A

The novel H1N1 Influenza A outbreak affecting multiple countries receives special attention below. Most stories have been sourced to either the ABC (Australian Broadcast Corporation) or BBC online news sites because of their persistence over long periods of time and the continuity of their coverage. Readers seeking references to traditional print-based media should endeavour to search the online archives of their preferred news outlet using the key terms and dates gathered here.

Official Sources

The latest information update from the WHO:
http://www.who.int/csr/don/2009_05_10/en/index.html

Full list of guidance information from WHO:
<http://www.who.int/csr/resources/publications/swineflu/en/index.html>

US Govt. Pandemic Flu RSS feed (aggregates official CDC, WHO and US news releases):
<http://www.pandemicflu.gov/rss/pandemicflu/news.xml>

National Response Sites:

Australia: http://www.healthemergency.gov.au/internet/healthemergency/publishing.nsf/Content/health-swine_influenza-index.htm

Canada: http://www.phac-aspc.gc.ca/alert-alerte/swine_200904-eng.php

European Union: http://ecdc.europa.eu/en/Health_topics/novel_influenza_virus/2009_Outbreak/

New Zealand: <http://www.moh.govt.nz/moh.nsf/indexmh/mexican-swine-influenza-update-270409>

Singapore: <http://www.crisis.gov.sg/FLU/InfluenzaA/>

United Kingdom: <http://www.hpa.org.uk/webw/HPAweb&Page&HPAwebAutoListName/Page/1240732817665?p=1240732817665>

United States: <http://www.cdc.gov/h1n1flu/>

Epidemiology, Disease Progression and Impact

The latest outbreak update from the CDC:
http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5817a1.htm?s_cid=mm5817a1_x

A well researched chronology of the outbreak so far (updated daily):
<http://blogs.sciencemag.org/scienceinsider/2009/05/swine-flu-outbr.html>

Outbreak report on NY School cases
8 May 2009
http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5817a6.htm?s_cid=mm5817a6_x

Outbreak report focusing on early Mexican cases (origin)
8 May 2009
http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5817a5.htm?s_cid=mm5817a5_x

Drug susceptibility report from CDC
1 May 2009
http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5816a6.htm?s_cid=mm5816a6_x

'Swine flu could come back in more virulent form after summer, European experts say'
29 April 2009
http://www.bmj.com/cgi/content/full/338/apr29_3/b1792

'The potential economic impact of pandemic flu on poor countries'
29 April 2009

http://feed.cgdev.org/~r/cgdev/globalhealth/~3/q_RvgXqvWtY/the-potential-economic-impact-of-pandemic-flu-on-poor-countries-more-serious-than-a-sneezing-pork-chop.php

'Economy braced for swine flu impact'

27 April 2009

<http://news.bbc.co.uk/2/hi/business/8020610.stm>

and:

<http://www.abc.net.au/news/stories/2009/05/01/2557546.htm>

Response

'SE Asia plans for swine flu outbreak'

8 May 2009

<http://www.abc.net.au/news/stories/2009/05/08/2564721.htm>

'Haiti rejects Mexican aid ship'

7 May 2009

<http://www.miamiherald.com/news/americas/story/1036025.html>

'Global aid agencies boost support to poorer nations to fight flu threat'

6 May 2009

http://www.bmj.com/cgi/content/full/338/may06_1/b1856

'US Navy halts aid vessel over flu'

6 May 2009

<http://news.bbc.co.uk/2/hi/americas/8034991.stm>

Tamiflu rationing and stockpile issues in Australia

5 May 2009

<http://www.abc.net.au/news/stories/2009/05/05/2561533.htm>

'Mexico starts China flu airlift'

5 May 2009

<http://news.bbc.co.uk/2/hi/americas/8033089.stm>

<http://www.abc.net.au/news/stories/2009/05/04/2560672.htm>

Allegations that China is quarantining Mexican citizens without symptoms

4 May 2009

<http://www.abc.net.au/news/stories/2009/05/04/2559598.htm>

Mexico writes to WTO after Russia/China ban Mexican imports

5 May 2009

<http://news.bbc.co.uk/2/hi/americas/8034284.stm>

<http://www.abc.net.au/news/stories/2009/04/28/2555290.htm>

<http://www.abc.net.au/news/stories/2009/04/27/2553729.htm>

'Clashes erupt over Egypt pig cull'

3 May 2009

http://news.bbc.co.uk/2/hi/middle_east/8031490.stm

<http://www.abc.net.au/news/stories/2009/05/03/2559580.htm>

see also for aftermath:

http://news.bbc.co.uk/2/hi/middle_east/8030611.stm

also see statement from WHO/FAO:

http://www.who.int/mediacentre/news/statements/2009/h1n1_20090430/en/index.html

'No need to stockpile food amid flu threat: Qld Health'

2 May 2009

<http://www.abc.net.au/news/stories/2009/05/02/2559040.htm>

Mexico City orders halt to business for 5 days to counter outbreak

1 May 2009

<http://www.abc.net.au/news/stories/2009/04/30/2556965.htm>

resistance to shutdown:

<http://www.abc.net.au/news/stories/2009/05/01/2558748.htm>

and the aftermath:

<http://www.abc.net.au/news/stories/2009/05/07/2562949.htm>

'Swine flu causing 'unnecessary panic'' says Australia's Minister for Health

1 May 2009

<http://www.abc.net.au/news/stories/2009/05/01/2558816.htm>

'Thermal imaging at airports to check for flu fevers'

1 May 2009

<http://www.abc.net.au/am/content/2008/s2557794.htm>

<http://www.abc.net.au/news/stories/2009/05/01/2557836.htm>

and some passengers 'slipping through the net':

<http://www.abc.net.au/news/stories/2009/04/28/2554504.htm>

and comment on effectiveness:

<http://www.abc.net.au/news/stories/2009/04/28/2554183.htm>

'No rationale for travel restrictions' – statement by WHO

1 May 2009

http://www.who.int/csr/disease/swineflu/guidance/public_health/travel_advice/en/index.html

'Flu sharpens tone of US immigration debate'

1 May 2009

<http://www.abs-cbnnews.com/world/05/01/09/flu-sharpens-tone-us-immigration-debate>

'German virologist's race for swine flu test'

30 April 2009

<http://www.nature.com/news/2009/090430/full/news.2009.424.html>

'Health department starts to stockpile masks for clinicians to combat swine flu'

29 April 2009

http://www.bmj.com/cgi/content/full/338/apr29_3/b1800

Stories on Mexico City panic/social climate

29 April 2009

<http://www.abc.net.au/news/stories/2009/04/29/2555574.htm>

<http://www.abc.net.au/news/stories/2009/04/28/2555163.htm>

<http://www.abc.net.au/news/stories/2009/04/28/2554815.htm>

<http://www.abc.net.au/news/stories/2009/04/28/2554194.htm>

<http://www.abc.net.au/news/stories/2009/04/27/2553049.htm>

'Mandatory detention laws for flu sufferers' (Australian legal powers)

29 April 2009

<http://www.abc.net.au/news/stories/2009/04/28/2555364.htm>

'Japan tighten visa rules for Mexicans'

28 April 2009

<http://www.abc.net.au/news/stories/2009/04/28/2555236.htm>

'Mexico too late to act on swine flu'

28 April 2009

<http://www.abc.net.au/news/stories/2009/04/28/2554666.htm>

Commentary and Editorials

'Questions raised over response to influenza A outbreak'

9 May 2009

<http://www.thelancet.com/journals/lancet/article/PIIS0140673609608680/fulltext>

'Pre-empting a pandemic—fact or fiction?'

9 May 2009

<http://www.thelancet.com/journals/lancet/article/PIIS014067360960862X/fulltext>

'Worried well' overload gives taste of pandemic scenario'

8 May 2009

<http://www.cidrap.umn.edu/cidrap/content/influenza/swineflu/news/may0809overload.html>

'The IMF and the Swine Flu? WHO's on First!'

8 May 2009

<http://blogs.cgdev.org/globalhealth/2009/05/the-imf-and-the-swine-flu-whos-on-first.php>

'Between a virus and a hard place'

7 May 2009

<http://www.nature.com/nature/journal/v459/n7243/full/459009a.html>

'Need for perspective' on swine flu

6 May 2009

http://news.bbc.co.uk/2/hi/uk_news/8035395.stm

'The flu epidemic in Mexico: challenges for doctors'

5 May 2009

http://www.bmj.com/cgi/content/full/338/may05_1/b1820

'How severe will the flu outbreak be?'

5 May 2009

<http://www.nature.com/news/2009/090505/full/459014a.html>

'Did the Mexican state prove itself in the swine flu response?'

5 May 2009

http://blog.foreignpolicy.com/posts/2009/05/04/did_the_mexican_state_prove_itself_in_the_swine_flu

Interview with Yi Guan (Hong Kong SARS expert) on H1N1 response

4 May 2009

<http://blogs.sciencemag.org/scienceinsider/2009/05/exclusive-meet.html>

'Swine influenza: how much of a global threat?'

2 May 2009

<http://www.thelancet.com/journals/lancet/article/PIIS0140673609608266/fulltext>

Swine Flu: international obligations and national responses

30 April 2009

http://www.bmj.com/cgi/content/full/338/apr30_3/b1791

'Hysteria at fever pitch'

29 April 2009

<http://www.theaustralian.news.com.au/story/0,,25400913-7583,00.html>

'Who's in charge during the swine flu crisis?'

29 April 2009

<http://www.thebulletin.org/web-edition/columnists/laura-h-kahn/whos-charge-during-the-swine-flu-crisis>

'Lessons from recent epidemics'

27 April 2009

<http://news.bbc.co.uk/2/hi/americas/8021248.stm>

Question and Answers from the *BMJ*:

http://www.bmj.com/cgi/content/full/338/may07_1/b1849

4. News and Articles

Pandemic and Avian Influenza

The following reports and studies relate to avian influenza and pandemic influenza in general, for information specific to currently circulating H1N1 Influenza, see above.

'The signature features of influenza pandemics: implications for policy'

7 May 2009

<http://content.nejm.org/cgi/content/full/NEJMp0903906>

'Mechanism of drug inhibition and drug resistance of influenza A M2 channel'

5 May 2009

<http://www.pnas.org/content/106/18/7379.short>

Molecular constraints (or lack thereof) for respiratory droplet transmission of Influenza A virus

5 May 2009

<http://www.pnas.org/content/106/18/7565.short>

'Stockpiling Supplies for the Next Influenza Pandemic'

1 May 2009

<http://www.cdc.gov/eid/content/15/6/pdfs/08-1196.pdf>

'Oseltamivir- and Amantadine-Resistant (seasonal) Influenza Viruses A (H1N1)'

1 May 2009

<http://www.cdc.gov/eid/content/15/6/pdfs/08-1357.pdf>

HIV

'Unique TB-HIV research institute planned in South Africa'
8 May 2009
<http://www.nature.com/nm/journal/v15/n5/full/nm0509-470a.html>

'Young women at more risk of HIV infection than young men'
8 May 2009
http://www.bmj.com/cgi/content/short/338/may08_1/b1883

'PEPFAR's Challenge'
7 May 2009
<http://www.washingtonpost.com/wp-dyn/content/article/2009/05/06/AR2009050603747.html>

'Nano-delivery could help tackle HIV'
3 May 2009
<http://www.nature.com/news/2009/090503/full/news.2009.435.html>

Emerging and Re-emerging Infectious Diseases

'Forget swine flu: dengue is spreading'
6 May 2009
<http://www.abc.net.au/news/stories/2009/05/06/2561897.htm>

'Averting epidemics of extensively drug-resistant tuberculosis'
5 May 2009
<http://www.pnas.org/content/106/18/7672.short>

'The age of pandemics'
2 May 2009
<http://online.wsj.com/article/SB124121965740478983.html>

'Vancomycin-Resistant Staphylococcus aureus, Michigan, USA, 2007'
25 April 2009
<http://www.cdc.gov/eid/content/15/6/pdfs/08-1312.pdf>

Tuberculosis disparity between US-born blacks and whites'
25 April 2009
<http://www.cdc.gov/eid/content/15/6/pdfs/08-1617.pdf>

Biological Weapons

'Army Bans Pathogen Work at Lab After Security Lapse'
8 May 2009
<http://www.sciencemag.org/cgi/content/full/324/5928/707>

'U.S. Halts Pilot Program in New York to Detect Biological Attacks'
7 May 2009
<http://www.washingtonpost.com/wp-dyn/content/article/2009/05/06/AR2009050603425.html>

'F.B.I. to Pay for Anthrax Inquiry Review'
7 May 2009
http://www.nytimes.com/2009/05/07/us/07brfs-FBITOPAYFORA_BRF.html

'Bill would bar information on deadly agents'
7 May 2009
<http://www.chron.com/disp/story.mpl/ap/tx/6410832.html>

'US anti-terror controls delayed flu response'
6 May 2009
<http://www.ft.com/cms/s/0/50316396-3a6f-11de-8a2d-00144feabdc0.html>

Biosecurity Policy and Ethics

'Vaccine refusal, mandatory immunization, and the risks of vaccine-preventable diseases'
7 May 2009
<http://content.nejm.org/cgi/content/full/360/19/1981>

'Biosecurity report cautious on strict researcher vetting'

6 May 2009

<http://www.nature.com/news/2009/090506/full/459023e.html>

CNN on the 'citizen-scientist' movement

4 May 2009

<http://www.cnn.com/2009/TECH/science/05/04/citizen.science.climate.change/index.html>

'Experts want scientists to monitor their colleagues'

30 April 2009

<http://blogs.sciencemag.org/scienceinsider/2009/04/experts-want-sc.html>

and the NSABB report on 'personnel reliability':

<http://oba.od.nih.gov/biosecurity/meetings/200904-2/NSABB%20Draft%20Report%20on%20PR%204-22-09.pdf>

'Bird-flu workers risked infection'

25 April 2009

http://news.bbc.co.uk/2/hi/uk_news/england/surrey/8014870.stm

Global Health Governance and Disease Control

'Primary health care as a route to health security' (Comment by Margaret Chan, WHO Director-General)

9 May 2009

<http://www.thelancet.com/journals/lancet/article/PIIS0140673609600039/fulltext>

'What has the Gates Foundation done for global health?'

9 May 2009

<http://www.thelancet.com/journals/lancet/article/PIIS0140673609608850/fulltext>

and a policy report:

<http://www.thelancet.com/journals/lancet/article/PIIS0140673609605717/abstract>

'Obama unveils \$85b global health plan' (\$51 billion from PEPFAR funding)

5 May 2009

<http://www.abc.net.au/news/stories/2009/05/06/2561850.htm>

'Rescuing the bottom billion through control of neglected tropical diseases'

2 May 2009

http://www.bmj.com/cgi/content/short/338/apr07_2/b1430

Best wishes and happy researching,

Jon

If you received this email as a forward and wish to subscribe to future issues of Biosecurity News, please contact Jon Herington (Jonathan.Herington@foa.anu.edu.au)

Jonathan Herington

Project Officer

National Centre for Biosecurity

Australian National University

E: Jonathan.Herington@foa.anu.edu.au