2019 Communicable Disease Summit

Register for the 2019 Communicable Diseases Health Summit! Check out the speakers and agenda at https://delamed.org/CD2019.

If you or your group would like to be a vendor at the summit, please reach out to Dr. Smith at ksmith@delamed.org!

Flu News

Prevention and Control of Seasonal Influenza with Vaccines: Recommendations of the Advisory Committee on Immunization Practices — United States, 2019–20 Influenza Season - https://www.cdc.gov/mmwr/volumes/68/rr/rr6803a1.htm

Upcoming Flu Clinics (all clinics now up on immunizedelaware.org under the 2019-2020 flu season):

<table>
<thead>
<tr>
<th>Date/Time</th>
<th>Clinic</th>
<th>Phone Number</th>
<th>Ages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday – Friday</td>
<td>Hudson State SC</td>
<td>302-283-7587</td>
<td>6 months and older</td>
</tr>
<tr>
<td>By Appointment Only</td>
<td>501 Ogletown Road</td>
<td>Option 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Newark</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monday – Friday</td>
<td>Porter State SC</td>
<td>No appointment</td>
<td>9 years and older</td>
</tr>
<tr>
<td>8:00 – 12:00 pm</td>
<td>511 W. 8th Street</td>
<td>needed</td>
<td></td>
</tr>
<tr>
<td>1:00 – 4:00 pm</td>
<td>Wilmington</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monday – Friday</td>
<td>Williams State SC</td>
<td>302-857-5140</td>
<td>6 months and older</td>
</tr>
<tr>
<td>8:00 am – 4:30 pm</td>
<td>805 River Road</td>
<td></td>
<td></td>
</tr>
<tr>
<td>By Appointment Only</td>
<td>Dover</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fridays</td>
<td>Milford State SC</td>
<td>302-424-7130</td>
<td>9 years and older</td>
</tr>
<tr>
<td>By Appointment Only</td>
<td>253 NE Front Street</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Milford</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Mondays
By Appointment Only
Adams State SC
544 S. Bedford Street
Georgetown
302-515-3220
6 months and older
Monday – Thursday
9:00 – 11:30 am
1:00 – 3:30 pm
Shipley State SC
350 Virginia Avenue
Seaford
No appointment needed
6 months and older

<table>
<thead>
<tr>
<th>County</th>
<th>Date</th>
<th>Clinic Site</th>
<th>Hours</th>
<th>Pre-Registration</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Castle</td>
<td>Tuesday, 10/29</td>
<td>Emanuel Dining Room / Rogers 500 Rogers Road New Castle</td>
<td>11:30 am – 1:00 pm</td>
<td>Walk In</td>
</tr>
<tr>
<td>Kent</td>
<td>Tuesday, 10/29</td>
<td>Greenwood Fire Department 12611 Sussex Highway Greenwood</td>
<td>4:30 – 6:30 pm</td>
<td>Walk In</td>
</tr>
</tbody>
</table>

Continuing Education!
http://www.immunizedelaware.org/for-professionals/continuing-education-events/

APHA Webinar: Improving Vaccine Equity: How to Reach Vulnerable Populations
A discussion of the use of vaccines as a part of a comprehensive disease prevention strategy and the need to reach all communities. More focused approaches for specific populations, such as those who are incarcerated, homeless or low-income, are necessary to prevent diseases and protect the public’s health in a meaningful and inclusive manner.

This webinar will highlight what the Houston Department of Health and the Rhode Island Department of Health are doing to promote vaccination access and awareness within some of our marginalized communities.

Tuesday, October 29, 2019 from 1:00 – 2:00 pm EST
Register here:
https://cc.readytalk.com/registration/#/?meeting=2h2n3ngjsqjk&campaign=eyrohfi0l147

Current Issues in Immunization
At this presentation, Dr. Litjen Tan will discuss the 2018-2019 influenza season and some of the unique aspects of that season. He will use that discussion to highlight why influenza is so unique and influenza vaccination vaccine effectiveness (VE) is complex. His discussion of VE will highlight the necessity to focus beyond the prevention of disease but on the ability of influenza vaccination to prevent truly negative outcomes as a result of infection, outcomes that are exacerbated in the elderly, those with chronic illnesses and the young. Finally, he will highlight new ACIP language regarding influenza vaccination and discuss messaging for the 2019-2020 season.

Tuesday, October 29, 2019 from 1:00 – 2:00 pm EDT
Register here:
https://cc.readytalk.com/registration/#/?meeting=xg42g7gp0e5y&campaign=4uayq64za9nq
Week 42 (Week ending October 19, 2019).

Seasonal influenza activity in the United States increased slightly, but remains low.

- Clinical lab: 2.4% of specimens positive for influenza virus.
- Public health lab: Influenza A (H3N2) and Influenza B/Victoria circulating at similar levels
- ILI Activity
  - High: Puerto Rico and Louisiana
  - Low: Four states (AL, CT, HI, MO)
  - Minimal: the District of Colombia, New York City, and 45 states (including Delaware)
  - Insufficient: US Virgin Islands
- Geographic Spread
  - Widespread: Maryland
  - Regional: Louisiana
  - Local: AZ, CA, KY, MS, SC, TN
  - Sporadic: the District of Colombia, Puerto Rico, the US Virgin Islands, and 40 states (including Delaware)
  - No Activity: Rhode Island
  - No Report: Guam and Nevada

Delaware Surveillance

- Activity level: SPORADIC

<table>
<thead>
<tr>
<th></th>
<th>Cases</th>
<th>Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Week 42</td>
<td>Total</td>
</tr>
<tr>
<td>Delaware</td>
<td>5</td>
<td>16</td>
</tr>
<tr>
<td>Kent</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>New Castle</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>Sussex</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Deaths</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
**WHO Afro Outbreaks & Emergencies**

**Week 41: October 14 - 20, 2019**

- [https://apps.who.int/iris/bitstream/handle/10665/329415/OEW42-1420102019.pdf](https://apps.who.int/iris/bitstream/handle/10665/329415/OEW42-1420102019.pdf)
- **New Events**
- **Ongoing Events**
  - **DRC – Ebola Virus Disease** (3,239 cases, 2,169 deaths, CFR 67%). Experts are continuing to see persistent transmission:
    - 19 new confirmed cases have been reported this week
    - 19 deaths this week
    - 162 health workers have been affected (5%)
    - 29 health zones affected with at least one case
    - 9 health zones with confirmed cases in the last 21 days
    - 10 health zones: ongoing contact tracing
  - **Ethiopia – Measles** (8,514 cases, 57 deaths, CFR 0.67%). The outbreak began in December of 2018, initially in Oromio region and later spread to Afar, Amhara, and Somali regions. The peak of the outbreak was reached in the week ending March 3, and the majority of affected cases are children under 5. Of note: 72.6% of cases had never received a single dose of measles vaccination.
  - **Zambia – Poliomyelitis (cVDPV2)**, (1 case, 0 death). A confirmed case of cVDPV2 in Chienge district, Luapula province was notified to the WHO on October 17. The case patient is a two-year old male with paralysis in the lower limbs.

- **Humanitarian Crisis**
  - **Nigeria**. A recent increase of military operations around the Lake Chad islands have led to further instability in the region. Over 1.8 million persons have been displaced, a cholera outbreak continues to show a downward trend (787 cases, 4 deaths, CFR 0.5%), and the leading cause of morbidity and mortality was malaria.


- 10/24: The Philippines – Circulating vaccine-derived poliovirus type 1
- 10/24: DRC – Ebola Virus Disease
- 10/22: Lebanon – Measles
- 10/18: Saudi Arabia – MERS-CoV

**CDC Current Outbreak List** ([https://www.cdc.gov/outbreaks/index.html](https://www.cdc.gov/outbreaks/index.html))

- *Salmonella* infections in Turtles (October 2019)
Travel Notices
- October
  - Dengue: Asia and the Pacific Islands
  - Chikungunya in Ethiopia
  - Polio in the Philippines
  - Dengue in the Mediterranean Region

2019 US Zika Case Counts

<table>
<thead>
<tr>
<th>As of October 3, 2019</th>
<th>US 2019</th>
<th>US Territories 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travelers</td>
<td>10</td>
<td>2</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>0</td>
<td>37</td>
</tr>
<tr>
<td>Other Route</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>10</strong></td>
<td><strong>39</strong></td>
</tr>
</tbody>
</table>

States: CA, ID, NE, NJ, NY, TX, UT

2019 US Measles Case Counts
(https://www.cdc.gov/measles/cases-outbreaks.html)

- Current case count = 1,250
- Jurisdictions Affected
  - NY State #2
  - NY: Rockland County (ended 9/25)
  - New York City, NY (ended 9/03)
  - El Paso, TX (ended 9/12)
  - Wyoming Co, NY (ended 9/19)

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From the Immunization Action Coalition

Issue 1454: October 23, 2019
http://www.immunize.org/express/issue1454.asp
In other news…

Broadly protective antibodies could lead to better flu treatments and vaccines - https://www.nih.gov/news-events/news-releases/broadly-protective-antibodies-could-lead-better-flu-treatments-vaccines


Pan-viral serology implicates enteroviruses in acute flaccid myelitis - https://www.nature.com/articles/s41591-019-0613-1


Vaccination coverage with selected vaccines and exemption rates among children in kindergarten – United States, 2018 – 2019 School Year - https://www.cdc.gov/mmwr/volumes/68/wr/mm6841e1.htm?s_cid=mm6841e1_w

If you have something you would like to see added to the ICD’s Week in Review, please e-mail ksmith@delamaed.org.