Notes & Updates
The ICD is once again helping to plan the Communicable Disease Summit on December 10. If you, or anyone you know, might like to register for a sponsor table, please let Dr. Smith know!

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

AHEC: Since You Asked: Persuading Parents that HPV Vaccination is Safe and Effective in Practice
Dr. Kristin Oliver (Mount Sinai, New York) and Dr. Sharon Humiston (Children’s Mercy, Missouri) will talk about practical approaches to persuading parents that HPV vaccine is safe and effective in a busy clinical setting. These two pediatricians will highlight tools to get your whole office team giving not just strong, but effective recommendations.

Thursday, November 1, 2018
3:00 – 4:00 pm, ET
Register: http://nao-ntc.adobeconnect.com/sinceyouasked/event/registration.html

2018 Fall Clinical Vaccinology Course
This 2-day course focuses on new developments and issues related to the use of vaccines. Expert faculty provide the latest information on vaccines, including updated recommendations for vaccinations across the lifespan, and innovative and practical strategies for ensuring timely and appropriate immunization.

November 9-10, 2018
Bethesda, MD
Register: https://www.eventscribe.com/2018/NFIDFallCVC/

Medscape: Prevention of Pertussis, Tetanus, and Diphtheria with Vaccines in the United States
The goal of this activity is to describe current recommendations from the Advisory Committee on Immunization Practices (ACIP) regarding prevention and control of tetanus, diphtheria, and pertussis in the United States, based on a comprehensive summary of previously published recommendations. Continuing Education credits available (physicians, ABIM, Nurses, Pharmacists).
https://t.co/06Pgc1xKE2

Need a Flu Shot? Upcoming flu clinics:
<table>
<thead>
<tr>
<th>DATE</th>
<th>TIME</th>
<th>LOCATION</th>
<th>ADDRESS</th>
<th>COUNTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>MONDAYS – FRIDAYS</td>
<td>8:15a – 11:30a</td>
<td>Hudson State Service Center</td>
<td>501 Ogletown Road, Newark</td>
<td>New Castle</td>
</tr>
<tr>
<td>MONDAYS - FRIDAYS</td>
<td>8:15a – 11:30a</td>
<td>Porter State Service Center</td>
<td>509 W. 8th Street, Wilmington</td>
<td>New Castle</td>
</tr>
<tr>
<td>TUESDAY, OCT 23</td>
<td>11:30a – 1:00p</td>
<td>Emanuel Dining Room Jackson</td>
<td>121 N. Jackson St. Wilmington</td>
<td>New Castle</td>
</tr>
<tr>
<td>TUESDAY, OCT 30</td>
<td>4:30p – 6:30p</td>
<td>Our Daily Bread</td>
<td>214 N. Broad St. Middletown</td>
<td>New Castle</td>
</tr>
<tr>
<td>MONDAYS – WEDNESDAYS</td>
<td>1:00p – 3:00p</td>
<td>Milford State Service Center</td>
<td>253 NE Front Street, Milford</td>
<td>Kent</td>
</tr>
<tr>
<td>MONDAYS – THURSDAYS</td>
<td>8:00a – 3:30p</td>
<td>Williams State Service Center</td>
<td>805 River Road, Dover</td>
<td>Kent</td>
</tr>
<tr>
<td>WEDNESDAY, OCT 24</td>
<td>9:00a – 3:00p</td>
<td>Bylers</td>
<td>1368 Rose Valley Rd. Dover</td>
<td>Kent</td>
</tr>
<tr>
<td>SATURDAY, OCT 27</td>
<td>9:00a – 1:00p</td>
<td>Holy Cross</td>
<td>631 S. State Street, Dover</td>
<td>Kent</td>
</tr>
<tr>
<td>FRIDAYS</td>
<td>9:00a – 11:30a</td>
<td>Shipley State Service Center</td>
<td>350 Virginia Ave Seaford</td>
<td>Sussex</td>
</tr>
<tr>
<td>THURSDAYS</td>
<td>9:00a – 11:00a</td>
<td>Adams State Service Center</td>
<td>544 S. Bedford St Georgetown</td>
<td>Sussex</td>
</tr>
<tr>
<td>TUESDAY, OCT 30</td>
<td>4:00p – 6:30p</td>
<td>Blades Fire Dept.</td>
<td>200 E. 5th St Blades</td>
<td>Sussex</td>
</tr>
</tbody>
</table>

During week 41 (ending October 13), New York City, the District of Colombia, Puerto Rico, and 49 states experienced minimal Influenza-like Illness.

During week 41, the following influenza activity was reported:

- Local influenza activity was reported by Guam, Massachusetts, and North Dakota.
- Sporadic influenza activity was reported by the District of Columbia, the U.S. Virgin Islands and 40 states (including Delaware).
- No influenza activity was reported by 8 states.
- Puerto Rico did not report.
Week 41
Since 9/30/2018

<table>
<thead>
<tr>
<th></th>
<th>Week 41</th>
<th>Since 9/30/2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specimens tested</td>
<td>369</td>
<td>880</td>
</tr>
<tr>
<td>Positive Specimens</td>
<td>22</td>
<td>61</td>
</tr>
<tr>
<td>Influenza A</td>
<td>19 (86.4%)</td>
<td>50 (82.0%)</td>
</tr>
<tr>
<td>Influenza B</td>
<td>3 (13.6%)</td>
<td>11 (18.0%)</td>
</tr>
</tbody>
</table>

WHO Afro Outbreaks & Emergencies
Week 41: October 6 – 12, 2018

- [http://apps.who.int/iris/bitstream/handle/10665/275414/OEW41-0612102018.pdf](http://apps.who.int/iris/bitstream/handle/10665/275414/OEW41-0612102018.pdf)
- New Events
- Ongoing Events
  - **DRC – Ebola Virus Disease** (211 cases, 135 deaths, CFR 64%). The outbreak continues to evolve. Since last week, 34 new confirmed cases and 22 new deaths have been reported. Six health zones have reported cases that have been confirmed as EVD. One of the new cases is a health care worker from a health facility in Beni. To date, three health care workers have died from the disease.
Nigeria – Cholera (3,747 cases, 74 deaths, CFR 2%). The outbreak is showing a decreasing trend in the number of suspected new cases since the peak of the outbreak four weeks ago. Most cases are 15 years and older (58%) and children under five represent 16% of the cases. Females make up 56% of the cases.

Zimbabwe – Cholera (9,116 cases, 54 deaths, CFR 0.59%). The outbreak has been ongoing for the past 5 weeks. Weekly case incidence has been on a downward trend for two weeks. Almost two thousand new cases have been reported in the past two weeks, including five deaths. Eight provinces across the country have been affected.

Humanitarian Crisis

- DRC. The crisis remains fragile, and is deteriorating. Estimates indicate that over 13 million people are in need of assistance, primarily as a result of an armed conflict, exacerbating unstable food and nutrition security. Movement of 76,000 people now face significant barriers to access basic healthcare. The closure of internally displaced people sites by the Provincial Government also have left people without assistance.

- South Sudan. The insecurity situation persists and continues to drive the crisis in the country. Multiple armed clashes, intercommunal fighting, criminality, and road ambush are being reported across the country. Armed robberies and civilian casualties have been reported, as well as armed attacks on non-governmental organization sites. Food insecurity, refugees, poor living conditions, floods, and infectious diseases have been seen.

WHO Disease Outbreak News (www.who.int/csr/don/en/)
- 10/18: DRC – Ebola Virus Disease

CDC Current Outbreak List (https://www.cdc.gov/outbreaks/index.html)
- Raw Chicken Products – Multi-drug Resistant Salmonella infections
- Ground Beef – Salmonella infections
- Deli Ham – Listeria infections

2018 US Zika Case Counts

<table>
<thead>
<tr>
<th></th>
<th>US 2018</th>
<th>Cumulative Since 1/1/15</th>
<th>US Territories 2018</th>
<th>Cumulative Since 1/1/15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travelers</td>
<td>46</td>
<td>5,442</td>
<td>0</td>
<td>147</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>0</td>
<td>231</td>
<td>98</td>
<td>37,139</td>
</tr>
<tr>
<td>Other Route</td>
<td>0</td>
<td>55</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>46</strong></td>
<td><strong>5,728</strong></td>
<td><strong>98</strong></td>
<td><strong>37,286</strong></td>
</tr>
</tbody>
</table>

From Shot of Prevention
Eliminating HPV in Celebration of International Day of the Girl

From the Immunization Action Coalition

Issue 1390: October 17, 2018
http://www.immunize.org/express/issue1390.asp

Ask the Experts Edition: August 2018
http://www.immunize.org/express/issue1378.asp

In other news...

CDC confirms 62 cases of polio-like illness, mostly affecting kids

DRC rebels kill 13, abduct a dozen children in Ebola epicenter
The Economic and Social Burden of the 2014 Ebola Outbreak in West Africa

Health officials push for vaccinations amid measles outbreak in Brooklyn and Rockland County

Genomic analysis offers insight into 2018 Nigeria Lassa fever outbreak

Percentage of young US children who don't receive any vaccines has quadrupled since 2001

Scientists studied flu cases in more than 600 cities and towns around the US – and found where flu season lasts the longest.

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