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/

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/06Pqc1xKE2

VIC Network: 2018-2019 Seasonal Flu Recommendations and Communications Messaging
Monday, September 17, 2018 from 1:00 – 2:00 pm
Register: https://cc.readytalk.com/registration/#/?meeting=pg63cralk1rm&campaign=rv30cz65quxt

Closing the Gap Between Urban and Rural HPV Vaccination Rates (Webinar)
Tuesday, September 18, 2018, 12:00 pm EST
Register: https://www.ruralhealthinfo.org/webinars/hpv-vaccination-disparities

AHEC: Evidence Based Communication Strategies for Improving Child and Adolescent Vaccine Uptake
Wednesday, September 19, 2018, 2:00 pm EST
Register: https://events-na5.adobeconnect.com/content/connect/c1/951358841/en/events/event/shared/1480695977/event_registration.html?sco-id=1962431491&campaign-id=500&_charset_=utf-8

Fighting Flu in Philly
Thursday, September 20, 2018 from 10:00 am – 12:00 pm

CDC Pink Book Webinars
Register now for the online webinars by the CDC, providing an overview of the principles of vaccination, general recommendations, immunization strategies for providers, and
specific information about vaccine-preventable diseases and the vaccines that prevent them. Each one-hour webinar explores a chapter from the 13th edition of “Epidemiology and Prevention of Vaccine-Preventable Diseases,” also known widely as “The Pink Book.” Continuing education will be available for each event. All events begin at noon, ET, and are on Wednesdays. The first is on June 6.

Register here: https://www.cdc.gov/vaccines/ed/webinar-epv/

Prevention and Control of Seasonal Influenza with Vaccines: recommendations of the Advisory Committee on Immunization Practices – United States, 2018-19 Influenza Season (MMWR)
https://www.cdc.gov/mmwr/volumes/67/rr/rr6703a1.htm

WHO Afro Outbreaks & Emergencies
Week 37: September 8 - 14, 2018

- New Events
- Ongoing Events
  - **Algeria – Cholera** (217 cases, 2 deaths, CFR 0.9%). The WHO was notified of an outbreak on August 23 in and around the capital province Algiers. Seven provinces in total have reported cases. As of September 4, only 10 patients remain hospitalized. Ten out of twenty-one water sources in the affected areas were found to be contaminated and not fit for human consumption. Two tested positive for *Vibrio cholerae* and were closed.
  - **DRC – Ebola Virus Disease** (137 cases, 92 deaths, CFR 67.2%). The outbreak continues to evolve. Seventeen of the confirmed cases are healthcare workers, and three have died. Since the onset of the outbreak, 37 case-patients have recovered, were discharged, and have re-integrated into their communities. Of the 113 confirmed and probable
cases with known age and sex, females account for 55% (n=62), and the largest proportion (n=29, 26%) of cases were aged 35-44 years. Five of the eight health zones reporting cases have ongoing contacts, and as of September 12, a total of 1751 contacts were under follow up.

- **DRC – Yellow Fever** (1 case, 0 deaths). On July 4, 2018, a 20-year old male living in Bissongo, Pointe-Noire City, developed a fever. He visited the health center that same day, and returned on July 9 after the onset of jaundice. There is no history of yellow fever vaccination or hemorrhagic symptoms. A retrospective search of 16 health centers found 69 additional suspected cases that met the clinical case definition for yellow fever in 2018. Four new cases have been reported the week ending September 9.

- **Zimbabwe – Cholera** (3,349 cases, 32 deaths, CFR 1.0%). An outbreak was declared on September 6: twenty-five patients were admitted to an infectious disease hospital with diarrhea and vomiting. The alert case was a 25-year old woman who presented in a collapsed state and died on the same day. This outbreak is mainly affecting Harare City (98% of all cases), but cases that have been epidemiologically linked have been reported in six provinces.

- **Humanitarian Crisis**
  - **Mali**. A complex crisis, precipitated by armed rebellion, shows no end in sight. Inter-communal conflict has lead to adverse effects of the socio-economic situation, and populations are experiencing food insecurity and lack of humanitarian aid. Improvised explosive devices and armed insurgents are also contributing to the food and nutrition crisis.

- 9/12: Republic of Korea – MERS-CoV
- 9/14: Democratic Republic of the Congo – Ebola virus disease, update
- 9/14: Algeria – Cholera


**CDC Current Outbreak List** ([https://www.cdc.gov/outbreaks/index.html](https://www.cdc.gov/outbreaks/index.html))
- Gravel Ridge Eggs - *Salmonella*
- Kosher Chicken - *Salmonella*
- Fresh Express Salad Mix (McDonald’s) – *Cyclospora*

**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>41</td>
<td>5,437</td>
<td>0</td>
<td>147</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>0</td>
<td>231</td>
<td>82</td>
<td>37,123</td>
</tr>
<tr>
<td>Other Route</td>
<td>0</td>
<td>55</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>-------------</td>
<td>---</td>
<td>----</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>41</td>
<td>5,723</td>
<td>82</td>
<td>37,270</td>
</tr>
</tbody>
</table>

**From Shot of Prevention**

Comprehensive Vaccine App Available on iPhones and iPads

**From the Immunization Action Coalition**

*Issue 1384*: September 12, 2018
http://www.immunize.org/express/issue1384.asp

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

In other news…

As Massive Zika Vaccine Trial Struggles, Researchers Revive Plan to Intentionally Infect Humans

Birth Defects Cluster Not Just Down to Zika

Commentary: Ending Measles, Rubella by 2020 (Indonesia)

Gene variations linked to severity of Zika-related birth defects, small NIH study suggests

How Papua New Guinea Brought Back Polio

Indonesia’s Quake-Hit Lombok Battles Malaria, with 137 Infected

NFID News: Protecting College Students
https://nfid.wordpress.com/2018/09/16/protecting-college-students/

Notes from the Field: Mumps Outbreak Associated with Cheerleading Competitions – North Texas, December 2016 – February 2017 (MMWR 6736)
https://www.cdc.gov/mmwr/volumes/67/wr/mm6736a6.htm

West Nile Virus in the Dakotas
http://outbreaknewstoday.com/west-nile-virus-dakotas-26505/

When a Sore Throat Becomes a Death Sentence

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