UPCOMING FAMILIES FIGHTING FLU WEBINAR
Families Fighting Flu (FFF) invites you to join a webinar on October 16 from 12:00-1:00 to hear from a team of experts about preparing for this flu season. A medical perspective and a personal story will be presented. Register here.

INFLUENZA ACTIVITY THROUGHOUT THE U.S.
- First flu case in Maryland involves child, officials say
- First flu hospitalizations in Utah, but furloughed CDC can't track
- First cases of influenza reported in South Dakota
- First cases of influenza confirmed in South Carolina

2013 MDCH FALL REGIONAL IMMUNIZATION CONFERENCES
Registration is still open for the 2013 Fall Regional Immunization Conferences! To register or for more information, visit the conference website. The remaining conferences are Oct. 15 (Gaylord), Oct. 17 (Marquette), Oct. 29 (Kalamazoo), Nov. 1 (East Lansing), Nov. 19 (Bay City), and Nov. 22 (Troy).

H5N1 AVIAN INFLUENZA JOURNAL AND NEWS ARTICLES
- Indonesia confirms H5N1 death
  - Indonesia’s second H5N1 case this year
- Vaccine: Suboptimal protection against H5N1 highly pathogenic avian influenza viruses from Vietnam in ducks vaccinated with commercial poultry vaccines
  - Two commercial H5N1 avian flu vaccines widely used in poultry in Vietnam were found to provide inadequate protection in domestic ducks
  - Routine monitoring of vaccine efficacy is necessary
- Antigenicity and transmissibility of a new clade 2.3.2.1 avian influenza H5N1 virus
  - New clade exhibits distinct antigenic properties and shows little cross-reactivity to sera raised against other H5N1 viruses
  - Virus has not acquired the capacity for airborne transmission between ferrets
- Avian influenza A(H5N1) virus antibodies in pigs and residents of swine farms, Southern China
  - Results demonstrate minimal transmission from birds to pigs in swine farms studied

INFLUENZA-RELATED NEWS ARTICLES
- Flu prevention in children with special needs
- Rutgers scientists discover molecules that show promise for new anti-flu medicines
- Scientists find new way influenza can infect cells
- Influenza vaccination reduced flu-related community-acquired pneumonia hospitalizations in children, adults
- Pediatric visit during flu season increased risk for influenza-like illness
- FluBlok® influenza vaccine to be available to allow vaccination by Thanksgiving

INFLUENZA-RELATED JOURNAL ARTICLES
- Vaccine: Immediate hypersensitivity reactions following monovalent 2009 pandemic influenza A (H1N1) vaccines: Reports to VAERS
  - Study found the rate of hypersensitivity reactions was low, similar to other vaccines
  - Adult females may be at higher risk than men of hypersensitivity reactions after influenza vaccination
- Epidemics: Household transmission of influenza A and B in a school-based study of non-pharmaceutical interventions
  - Authors found no statistically significant effect of school-based non-pharmaceutical interventions on transmission in symptomatic children’s homes
  - Estimates for secondary attack rates and transmission probabilities for flu A and B were not significantly different

AVIAN INFLUENZA A (H7N9) JOURNAL ARTICLES
- mBio: Novel human influenza A(H7N9) virus is naturally adapted to efficient growth in human lung tissue
  - Findings suggest this likely contributes to the severity of lower respiratory tract disease seen in many patients
- Scientific Reports: Mapping spread and risk of avian influenza A(H7N9) in China
  - Findings could be used to inform targeted surveillance and control efforts in both human and animal populations to reduce risk of future human infections

FLU WEBSITES
www.michigan.gov/flu
www.cdc.gov/flu
www.flu.gov
http://vaccine.healthmap.org/