

Tennessee One Health Meeting

11/21/19

Building Local and International One Health Collaborations

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- International Student One Health Alliance = ISOHA
 - Founded 2017, continuation of One Health Commission
 - Focus on growing global student One Health movement
 - Connect, create resources, and promote One Health concept
 - Executive Committee (ExCo) with 6 global reps + 2 representatives per continent
 - Outreach: 100+ student group members, >2500 social media followers (@ISOHA_OneHealth)
 - Webinars: student Who's Who in One Health, One Health Day
 - Mentorship program: connect students (>230) with mentors (>150)
 - Global Assembly: continent representative board
- One Health Commission (@OneHealthCom)
 - Cheryl Stroud, DVM, PhD = Executive Director
 - Website: <https://www.onehealthcommission.org/>
 - LOTS of resources available!
 - Potential action items: Advocate for S. 1903 and H.R. 3771 re: One Health
- Recent One Health Collaboration webinars
 - Connect US states and create forum for communication
- Future directions:
 - Form national learning community
 - Characterize OH efforts

ThaiFlu Project

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- One Health collaboration: Hopkins, Thai Ministry of Public Health, CDC Thailand, Thai Department of Livestock Development, Mahidol University Faculty of Veterinary Science, Mae Fah Luang University Faculty of Public Health
- 75% of emerging infectious diseases are zoonotic
 - AI, ASF, AMR, Nipa, Newcastle, FMD
- Avian influenza: human-poultry interface is key
 - Poultry → poultry sector workers → general community
- Work defining poultry value chain
 - Producer → Trader → Processor → Retailer → Consumer
- Study area: Chiang Rai Province
 - Aim 1: Analyze poultry sector worker KAP associated with AI risk
 - Aim 2: Map and analyze poultry value chain and trade network
 - Aim 3: Model simulated AI outbreaks
 - Aim 4: Evaluate value chain, procurement and consumption practices in poultry sector workers and general community

- Plus – risk based surveillance / assessment
- Data collection primarily done by local students (BIG for buy-in and trust)
- Results:
 - Surveyed 383 poultry sector workers and 183 consumers
 - ID'd 313 nodes