

# Seasonal & Pandemic Influenza 2007

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## Poster Section: Surveillance and Diagnostics, with an Update on Rapid Diagnostics

**Section Chair: David Hillyard, MD**

### Poster Title: Enhancing Seasonal and Pandemic Influenza Preparedness Efforts Using an Immunization Registry

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The Michigan Care Improvement Registry (MCIR), a lifespan immunization registry, is an all-hazard tracking system. It has the ability to link with child health databases, vital records, and lead screening. These enhancements support our goal of improving the overall health of the citizens of Michigan by ensuring widespread utilization of immunizations to target vaccine-preventable illnesses. With a lifespan registry, rapid assessment of immunization status and recall/reminder notification in the event of an influenza pandemic is possible for everyone in Michigan, regardless of age. Additionally, a high-risk flag notifies providers that a given patient is in a priority group for the influenza vaccination. If sustained person-to-person transmission of a novel influenza virus is confirmed, the state administrator can enable an all-hazards mode for which the pandemic influenza module includes recipient tier groups for antivirals and pre/pandemic vaccine; a link to VAERS and AERS can be pre-populated with registry data. The influenza vaccine exchange network (IVEN) currently facilitates redistribution of seasonal influenza vaccine between providers in cases of shortages or maldistribution and will remain useful for later stages of pandemic response. These enhancements to the immunization registry promote both seasonal program components and pandemic influenza preparedness.