

- l) Leah's Story – Andy Laudick
 - a) How LAC encephalitis can affect children
 - 1) Born Oct 2008
 - 2) Passed Aug 2013
 - 3) Healthy child
 - b) Timeline
 - 1) Aug 4-10
 - (i) Location
 - (a) Lived in a subdivision – not typical environmental factors
 - (b) Several places where she may have been bitten by the mosquito
 - (ii) August 5 – complained of a headache
 - (iii) August 6-7
 - (a) Still had a very severe headache
 - (b) Lethargic
 - (c) Admitted to hospital
 - (iv) August 8
 - (a) High WBC count
 - (b) Less responsive
 - (c) Cause unknown
 - (v) August 9
 - (a) Transferred to Children's Hospital
 - (b) Seizures began
 - (c) Admitted to PICU
 - (d) Sedated
 - (vi) August 10
 - (a) Brain activity ceased
 - (b) Leah died at 9:45 pm
 - (c) Cause was still unknown
 - 2) Cause was originally found to be LAC
 - (i) LAC does not get the attention it deserves because of its low statistical impact
 - (ii) LAC is widely under-reported
 - 3) Several other children in area had similar symptoms that resolved without issue
 - c) Leah's Hope: Campaign to eliminate vector-borne illness in children and adults
 - 1) Why are mosquitoes still a major threat today?
 - 2) Why are children and elderly at highest risk?
 - 3) Uncounted issues
 - (i) Emotional impact on families
 - (ii) Unexpected financial impact
 - 4) Need a nation-wide mapping and surveillance program to provide better information and expand comprehensive testing.