Background
- There has been a continuous decline in tuberculosis (TB) rates in Kansas. The average incidence of TB in Kansas from 2004-2013 was 1.9 cases per 100,000 population.
- However, a significant difference exists in TB incidence between US- and foreign-born populations.
- There is a strong need to target the disparities that exist between TB incidence among foreign-born sub groups to reduce the TB burden in Kansas.

Results
- Between 2004 to 2013, 544 TB cases were reported in Kansas. Sixty-three percent (n=343) were foreign-born.
- The incidence of TB cases per 100,000 persons by country of origin were: 1.2 for US born, and 16.2 for foreign-born populations (p < 0.0001).
- Foreign-born TB cases were most likely to be diagnosed in persons originating from Asia residing in Kansas for less than 5 years and those living in Kansas for more than 20 years.

Conclusions
- Among the foreign-born cases, more than one-third of cases originated from Asia.
- More efforts are required to address TB in these high risk groups.

Discussion
- The average TB rate among the foreign-born group was 15 times higher than the rate among US-born individuals.
- The proportion of TB disease among the foreign-born population is continuously increasing with higher cases occurring in the population originating from Asia.
- The majority of TB cases among foreign-born may be attributed to acquisition of TB infection in the TB-endemic country of origin followed by subsequent activation of the TB disease after their arrival in Kansas.

Research Questions
- What are the differences in incidence of TB disease among US- vs. foreign-born population in Kansas from 2004 to 2013?
- What is the effect of length of stay in Kansas before TB diagnosis based on world region of origin?

Methods
- Data were extracted from the Kansas TB Surveillance database from the Kansas TB Control Program between 2004 through 2013.
- The Kansas Annual Summary of Vital Statistics from 2004 to 2013 was used to derive population denominators.
- TB rates among foreign-born persons were calculated and stratified by world region of origin.