"Factors Impacting the Urban Transmission Potential of Mosquito-borne Arboviruses in New Orleans, Louisiana"
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Urban epidemics of mosquito-borne diseases are driven by a close association between mosquito vectors and artificial container habitats near residences. In New Orleans, abundant populations of *Aedes aegypti* and *Ae. albopictus* are potentially capable of supporting local arbovirus transmission. This presentation will discuss field techniques for measuring vector abundance, identification of common breeding habitats and examine potential mitigating factors including host preference. The results of a neighborhood survey of mosquitoes and mosquito-borne disease knowledge, attitudes and practices will be discussed. These studies allow public health authorities to develop a comprehensive understanding of transmission risk and tailored educational campaigns in advance of future epidemics.