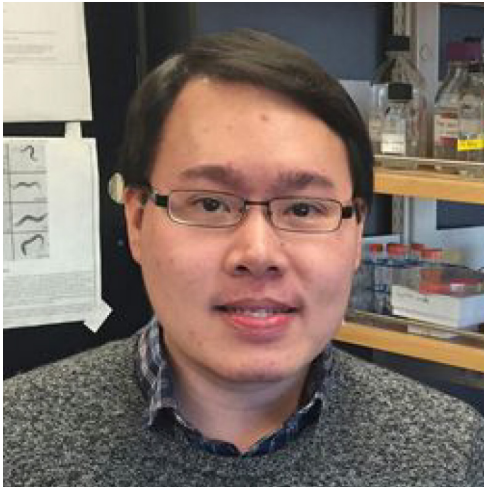


# ASU SCHOOL OF LIFE SCIENCES

Special Seminar



## **Efrem Lim**

Postdoctoral Research Fellow,  
Department of Molecular  
Microbiology, Washington University

**Date:** Thursday, Mar. 17

**Time:** 4-5 p.m.

**Place:** LSE 244

## **Human virome interactions in development and disease**

The human virome (eukaryotic and bacterial viruses) along with the bacterial microbiome interacts with the immune system and contributes to an individual's health. However, a significant portion of the virome is uncharacterized viral dark matter. My research focuses on using the tools of virus discovery to understand virus-host interactions in health and disease. I will describe the identification and characterization of novel viruses from populations in resource-poor settings, and present findings from a twin birth cohort demonstrating that synchronized shifts in the infant virome and microbiome are associated with early infant development.

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