



OCTOBER 13, 2026

UNIVERSITY OF NOTRE DAME

COLLEGE OF SCIENCE ACADEMIC SERIES IN LONDON

**13
OCT**

CIRCADIAN AND PHOTO-BIOLOGY OF DISEASE MOSQUITOES | 18:00-20:00

MARIAN KENNEDY FISCHER HALL, NOTRE DAME LONDON

1-4 SUFFOLK ST, LONDON SW1Y 4HG | JUST OFF TRAFALGAR SQUARE

WHEN A MOSQUITO BITES MAY MATTER AS MUCH AS HOW IT BITES

The University of Notre Dame (Indiana, USA) invites researchers and academic partners to Marian Kennedy Fischer Hall at Notre Dame London for a special evening lecture exploring how biological clocks and light shape mosquito physiology, behaviour and disease transmission.

Mosquitoes operate on biological clocks. Their activity, physiology and behaviour can vary significantly across the day and night, while exposure to light can influence those rhythms. This lecture will examine questions at the intersection of chronobiology, entomology, vector behaviour and global health.

RESEARCH AT NOTRE DAME

Research led by Notre Dame's Giles Duffield investigates the molecular basis of circadian clocks in both vertebrates and mosquitoes. His laboratory's mosquito research has examined:

- Daily rhythms in gene and protein expression, physiology and behaviour
- Relationships between time of day and insecticide resistance
- The effects of light on mosquito biting and flight behaviour

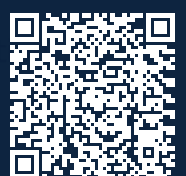
Understanding these circadian and light-driven mechanisms could inform future approaches to vector control and the prevention of disease transmission.

EVENT HIGHLIGHTS

- **Interactive Q&A:** Explore questions concerning vector biology, circadian physiology and global health.
- **Networking reception:** Connect with academic colleagues, potential collaborators and Notre Dame faculty.
- **Research connections:** Learn about opportunities for international collaboration and postgraduate research with Notre Dame Biological Sciences

FREE TO ATTEND | ADVANCE REGISTRATION REQUIRED

Full programme
& registration:



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