



**Cover:** *Xenopus laevis* is an obligatorily aquatic frog. A blade element model was used to estimate hydrodynamic forces on *X. laevis* feet during swimming (pp. 3181–3194). Using this approach, Richards resolved thrust produced by rotational foot motion (blue arrows) and thrust produced by foot translation (red arrows). This analysis revealed that *X. laevis* depend on rotational foot motion (caused by ankle extension) far more than foot translation (driven by hip and knee extension) to power swimming. A general frog model was developed to further explore links between foot kinematics and swimming performance. Photo: Christopher Richards and Ed Yoo.

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