How do Flies Fly?











Tarun Sharma



Kellan Morse





Active flight evolved 4 times.

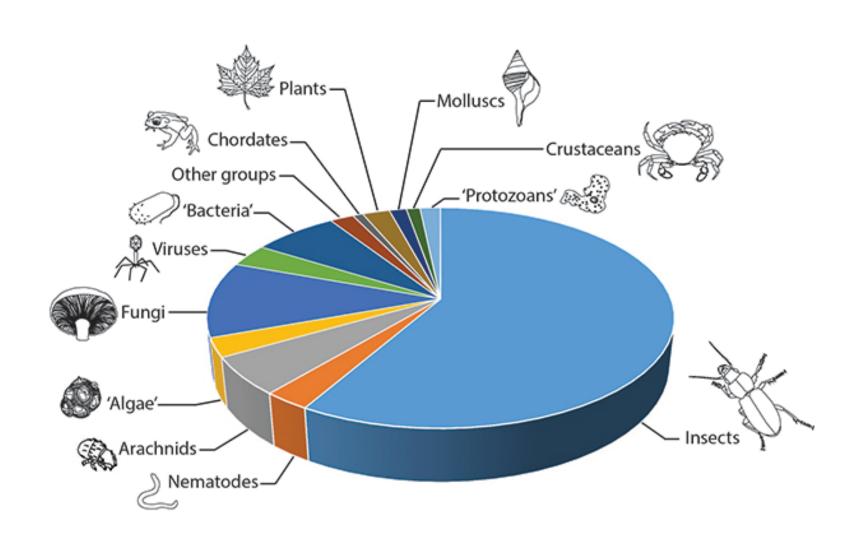








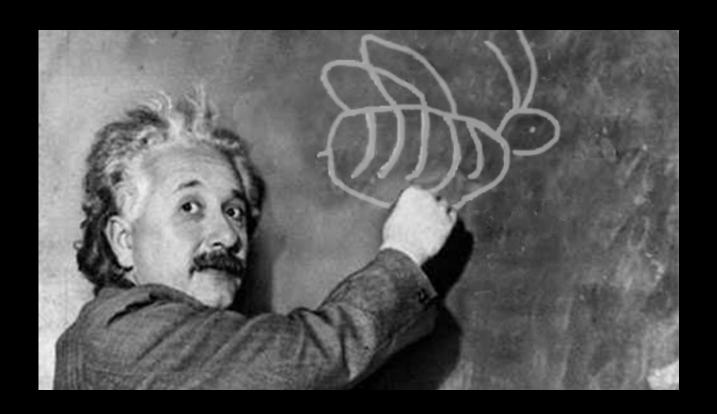
Insects are the most diverse group of animals on earth.



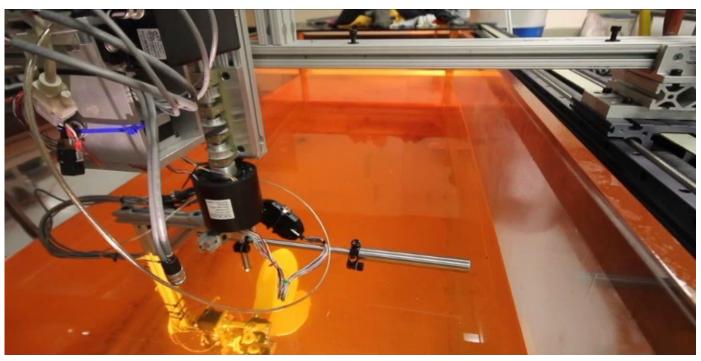


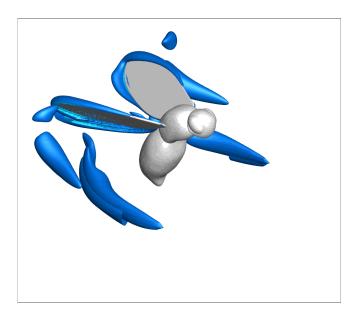


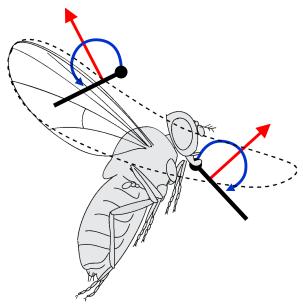
'An engineer proved a bumblebee cannot fly.' anonymous



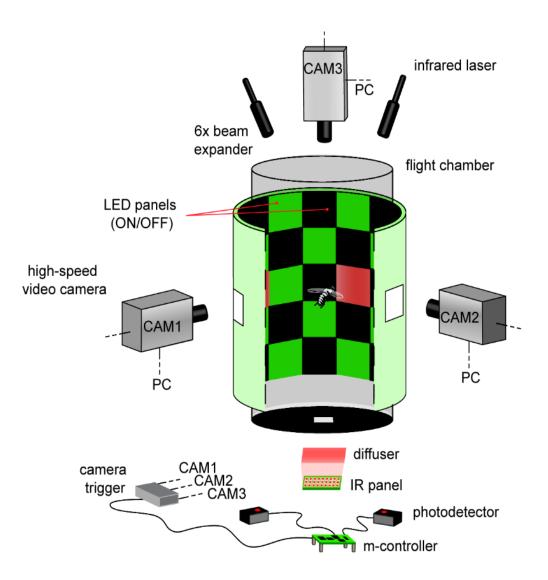
Insect wings create a leading edge vortex.

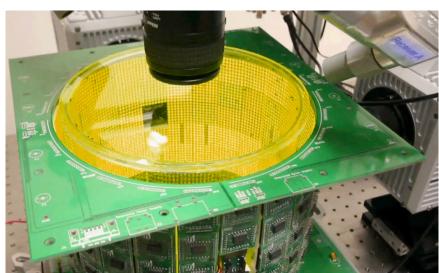




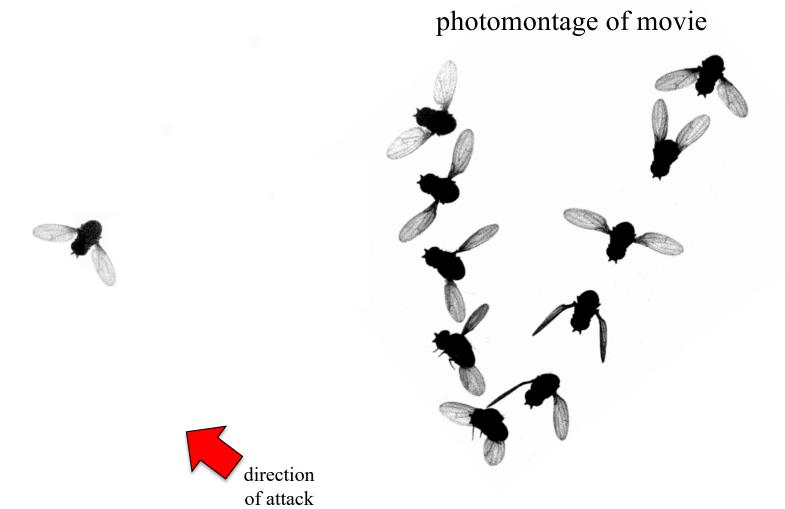


Recording free flight responses to looming stimuli.

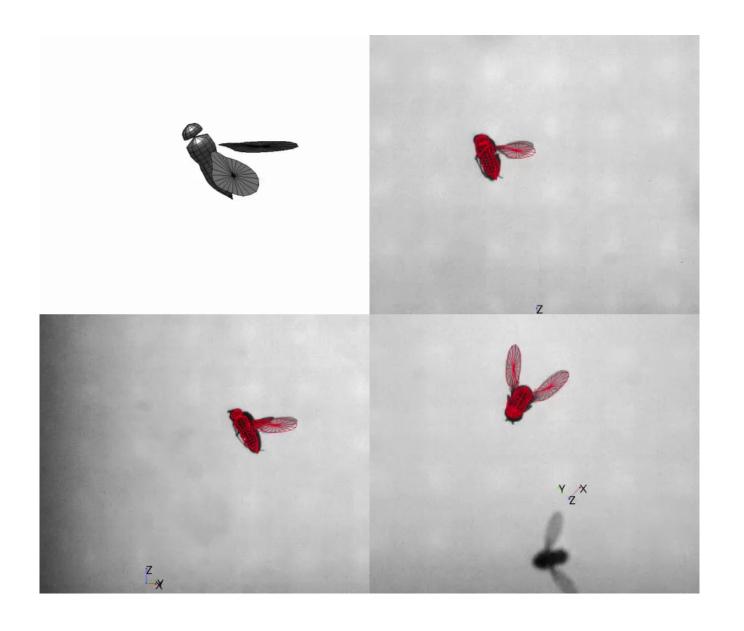




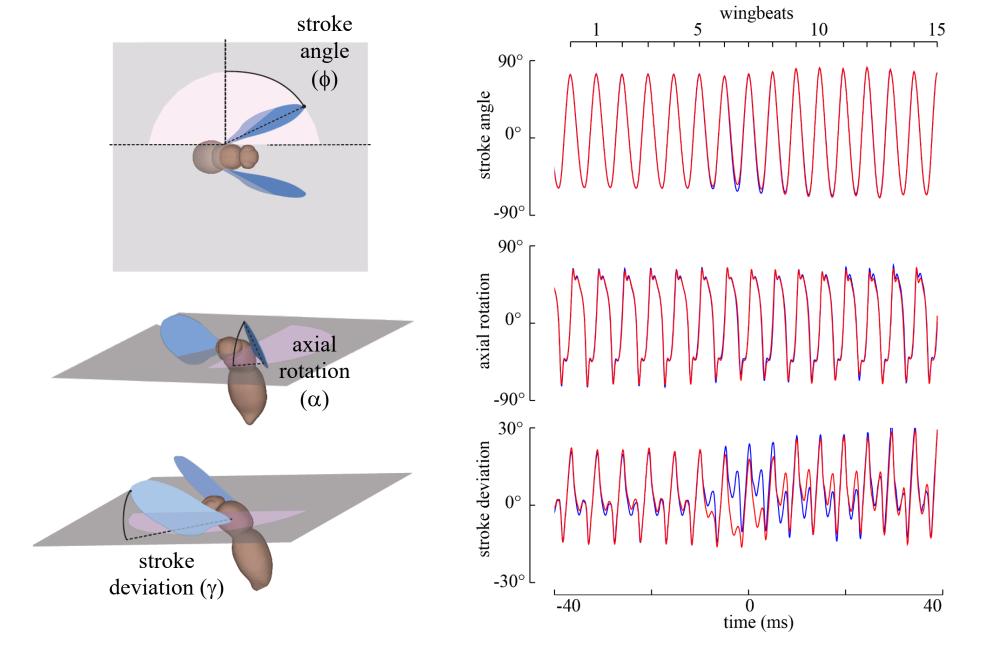
Recording free flight responses to looming stimuli.



Automated tracking of high speed sequences



Flies execute maneuvers with subtle changes in wing



Ideas for project

