A block of width $w$ and height $h$ rests on a level floor. The coefficient of static friction between the block and floor is $\mu$. You push on the upper corner of the block with force $\vec{F}$, at angle $\theta$, as shown in the figure. As you increase the magnitude of the force, does the block tip before it slips, or slip before it tips? (Express your answer as a condition on $\mu$, $\theta$, $w$, and $h$ such that the block tips before it slips.)

Check your answers at the undergraduate news blog:

www.physics.ncsu.edu/undergraduate/newsblog.php