- **In the lab, we are riding a bike.**



- **You will fall off, if not pedal enough**



But, in the lab, we are riding a special bike.

So even though you don't pedal, bike can move forward



You don’t work for pedaling, and the bike is still moving, you get advantage with others. And you may think it is OK, but the other is NOT happy.



But this makes ‘the working person’ getting tired and everyone in the bike will fall off soon.



But this makes ‘the working person’ getting tired faster and all will fall off soon.



How lab successful?



Good students

Good professor

Research money

I am a good professor with research direction and skills.

I do have money .

I do need good students.

Frances Arnold Nobel prize 2018



When her visit to TJU 2019, I asked her ‘how you become so successful?

Frances said “ Most of my works are driven by **excellent students** and I just help them a little. Even many of my student write a entire draft for a research article”

Famous stem cell scientists got fired from the University



Professor Hwang and his student

Professor said <u>Students did not store samples properly</u>.