## main questions to answer

- I: how do we see OptoMechanical Coupling?
- II: what is mechanism of this OMC?
- III: What can we do with this OMC?

## fig1: Hybrid Graphene Nanoresonator

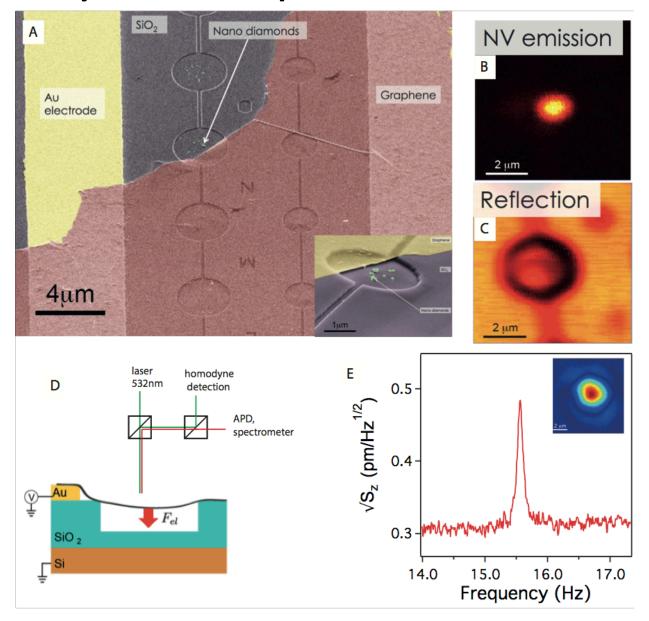
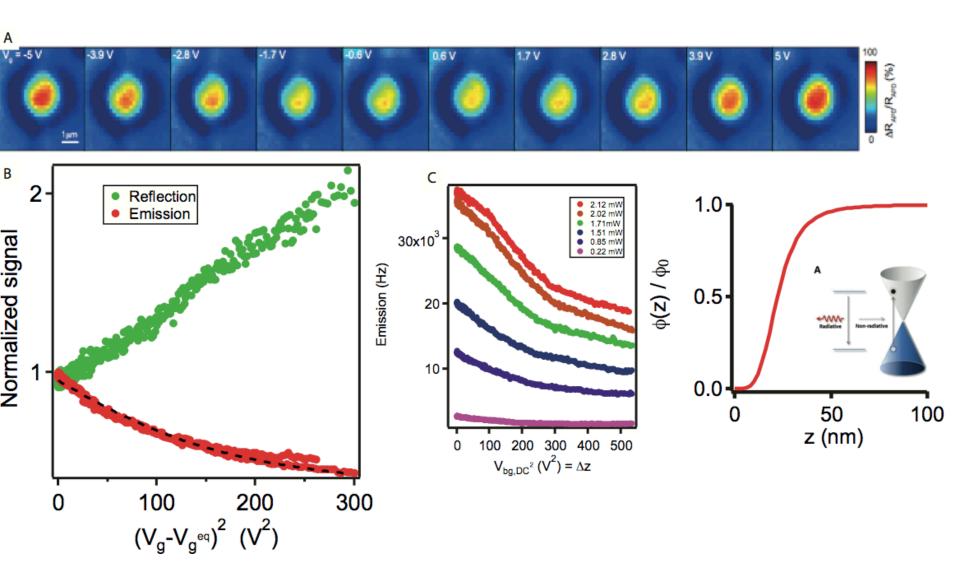


fig2: Emitter coupled to mechanical motion



## fig3: Optomechanical control of a quantum emitter

