

- Announcements
- Lab Quiz
- Pre-lab Lecture
 - ❖ Preview solar cell assembly
 - ❖ Today in lab (M3D4)
 - ❖ Jackie: theory of solar cells and assembly demonstration

Announcements

- **Next week: Thanksgiving Break!**

- We DO have lecture on Tuesday, 11/26, but NO lab

- OH: T 3-5? W 10-12? T 4-5 and W 10:30-11:30?

in lab

12-2

plus M/T by appt.

SKH
T 1-3

- **After that...things move fast**

- M3D5: Final quiz, and testing your solar cells

- M3D6: Mod 3 mini-report due (12/6 at 5pm)

- *remember this is short and done with your partner*

- M3D7: Research proposal presentations (12/11)

- **Research Proposal** – check the Wiki for added information/FAQ

Slide after AKR

Solar cell preparation

- Phage-nanomaterial complexes ground up and combined with TiO₂ paste
- You will prepare **anode**
- Base: glass coated with FTO and then TiO₂ – conductive and transparent
- **YOUR PART: PASTE ONTO BASE**
- High-temperature setting process, then dye addition



Image from wiki

Today in lab (M3D4)

- Two shifts in Belcher lab (Prp, Pnk, Ylw, Org first)
- Otherwise working on proposal, including discussion with a peer according to below:

Alejandro	Madeleine
Taylor	Danielle
Heejo	Tom
Jenn	Chris
Jaaron	Marianne
Faith	Maryam
Alycia	Felicia
Rui	Hikaru



First... your toddler
inspiration!

← *An underslept
but quiet toddler
at the symphony!*

You'll never know
what you're capable
of if you don't try...

*PS "Is there gonna
be a dragon?"*