

ARISE Week 5

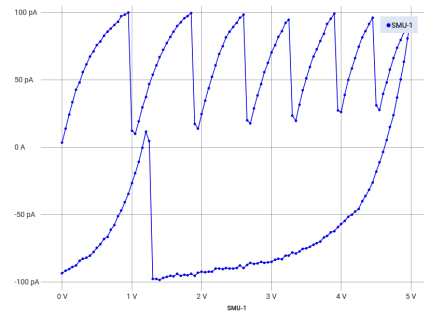
Joel Grayson

What We Did

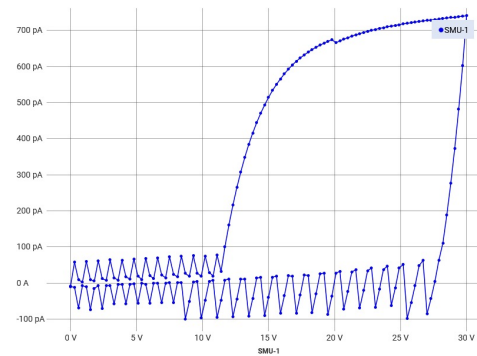
- [Made video record of the lab](#)
- Made devices with Mia (charge transport)
- Did photoluminescence (PL)

Charge Transport

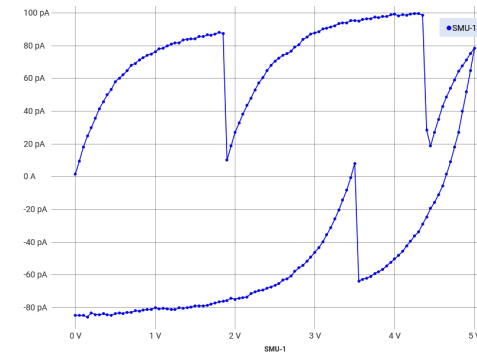
Many bumps and slow. Here were the best results.



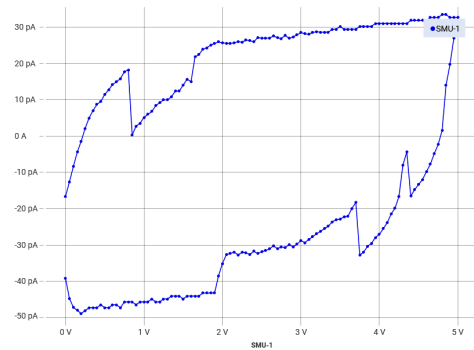
IV_0to5V_under100_#1.png



IV_0to30V_under0.55_532_#4.png



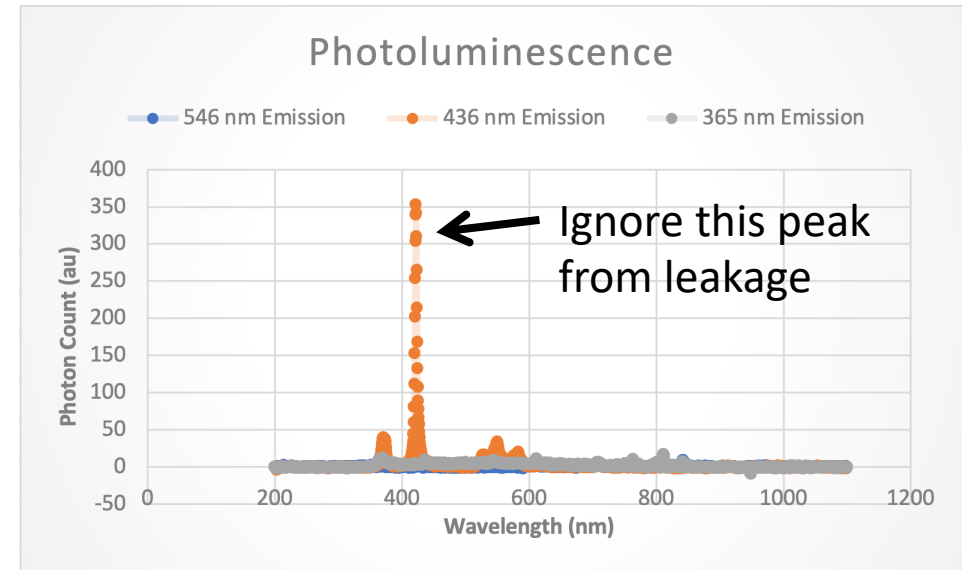
IV_0to5V_under0.png



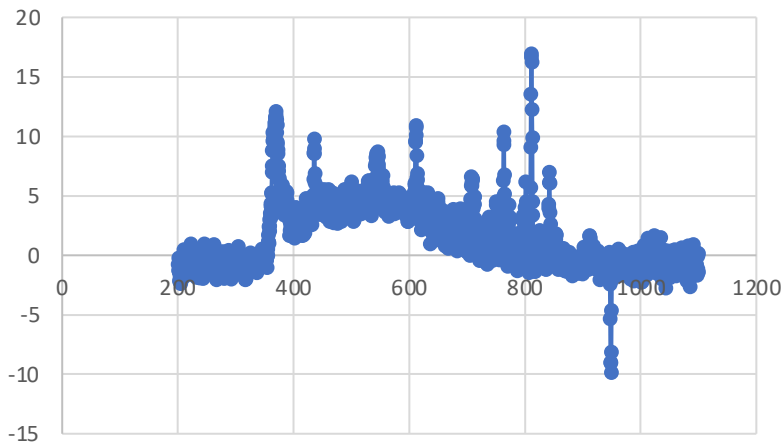
IV_0to5V_under0_#1.png

Photoluminescence

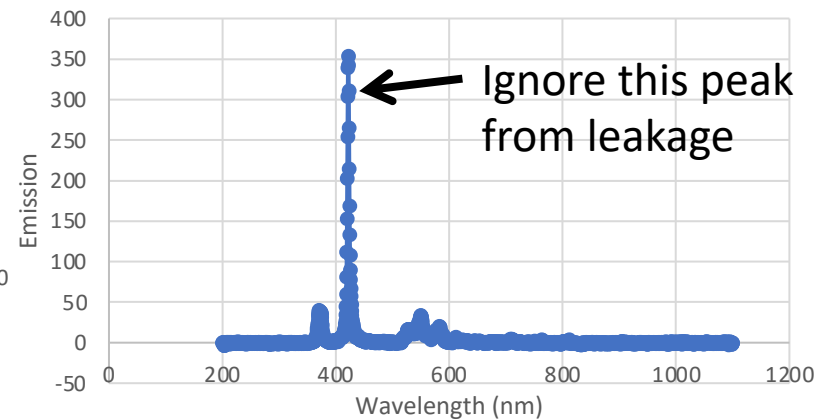
There was no photoluminescence/fluorescence.
Photon count values are way below the 2–3k
normal range. This means it should not be used
for electron-to-light applications like OLEDs.



365 nm Emission



436 nm Emission



546 nm Emission

