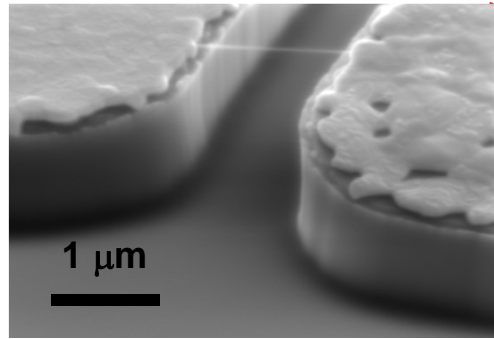
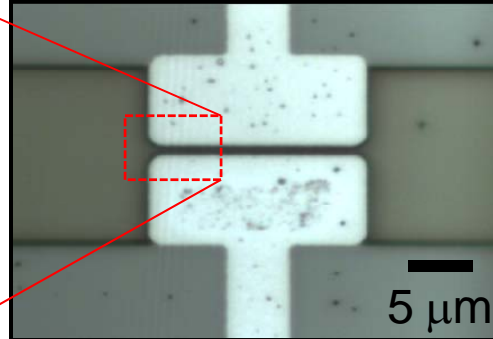


Photocurrent generation from individual carbon nanotubes

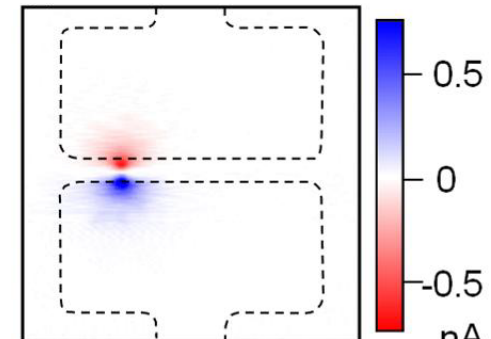
Ethan Minot, Department of Physics, Oregon State University



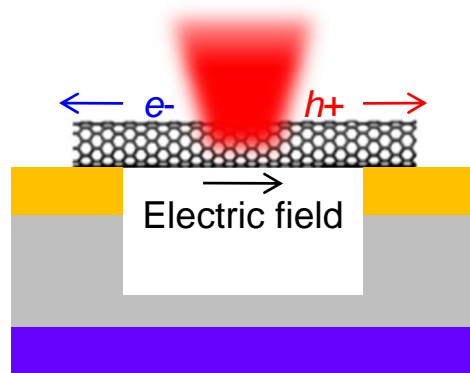
Scanning Electron Microscope



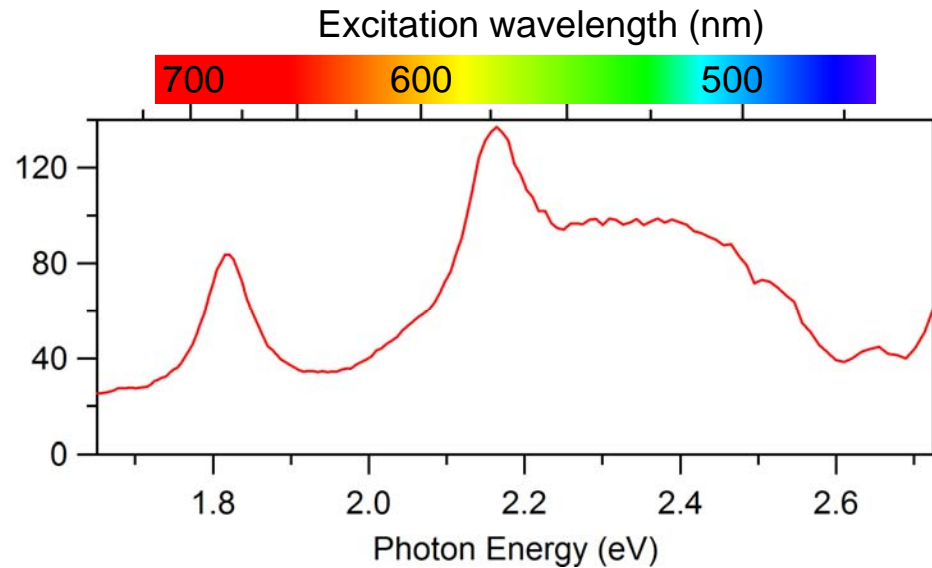
Optical Microscope



Photocurrent



Normalized
Photocurrent
(pA/μW)



- Photoabsorption peaks in individual CNTs have been detected
- We are now studying the efficiency of the photocurrent generation process as a function of electric field and dielectric environment