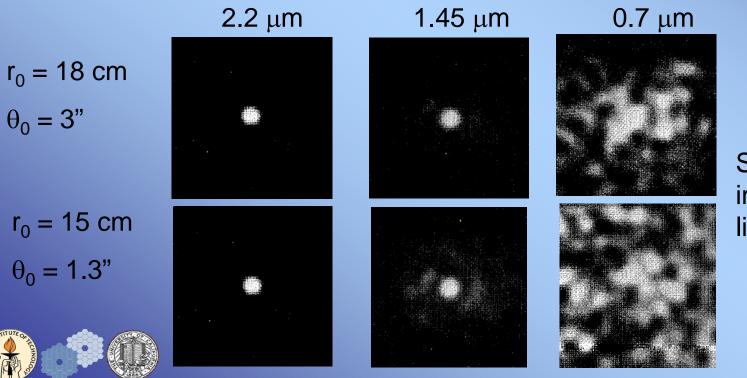
## In Infrared AO sharpens the off axis tip tilt star

- IR Advantages:
  - Sharpened image, diffraction limited core
  - There are more stars per square degree at a given signal level
  - The higher sky background at IR wavelengths not significant if you avoid the K band (>2.3 microns)
- See Sandler, et. el (JOSA A, 1994, Fig 5 and 6)
  - 25 arc seconds off axis from LGS, (FOV ~0.4 arc seconds)



STRAP image looks like this