**Team:**

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**+ collaboration with S. Eikenberry et al**

## WIYN:

- 3.5m telescope on Kitt Peak, AZ
- Excellent seeing: median 0.6"
- observing time of Yale, NOAO available

## Search for EM counterparts: ODI

- 25x25 (50x50 in 2014/15) arcmin f.o.v.
- Filter coverage in (u),g,r,i,z etc.
- 7 seconds readout time → fast & efficient
- Detection limit: 22 mag in r in 20s (10σ)
- Data reduction and photometric: <60 sec.
- Survey speed: 8-10 sq.deg/hr
  → LIGO search volume within few hours (pointing at the few nearby galaxies)

## WIYN benefits: 2nd port w/ suite of instruments

- Spectroscopic follow-up: HYDRA MOS or IFUs
- near-IR photometry: WHIRC
- Switch-over time: ~ minutes

## Deliverables:

< 5 minutes after observing:
Raw & reduced imaging data, source catalog

IR &/or spectroscopy:
within few hours (or better)