

## What we seek

- Binary stars make a large fraction of the overall stellar population, yet they are mostly ignored in planet searches.
- Unresolved binaries are the easiest kind of binary to observe.
- Favorable ratio of system mass / luminosity.
- Mechanisms may promote wide-orbit circumbinary planets.
- Binarity influences planet formation in many ways → statistical comparison with single stars might reveal insights on physics of planet formation.
- Imaging a circumbinary planet would be awesome.



## Where we stand

- Pilot survey of 16 targets started in P88 (one year ago). 14 targets observed.
- Successful proof of concept for our observing strategy.
- Follow-up of 5 targets and exploration of 16 more survey targets in P90, of which 3 and 13 observed. Carryover into P91.
- First publication in late 2013.