

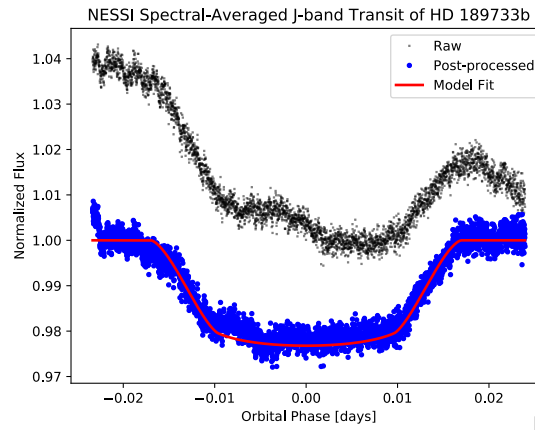
NESSI

- NESSI is the New Mexico Exoplanet Spectroscopy Survey Instrument.
- Prof. Michelle Creech-Eakman at New Mexico Tech. is the NESSI PI.
- Remanufactured for operation on P200 at prime focus and Mark's team has been commissioning the instrument.
- After some recent upgrades, NESSI had a really good run last week, 11 September 2019

NESSI is a J-H-K near-IR spectrometer

- J, H, and K spectral resolution is $R=1200$
- There is also a J-H-K simultaneous $R=250$ mode
- NESSI has a 6 arcmin field of view and supports multi-object spectroscopy in slitless mode
- NESSI local team includes: Mark Swain, Rob Zelle, and graduate students Kyle Pearson and Raissa Estrela.

Transit Observation w/NESSI



Mark Swain
September 11, 2019