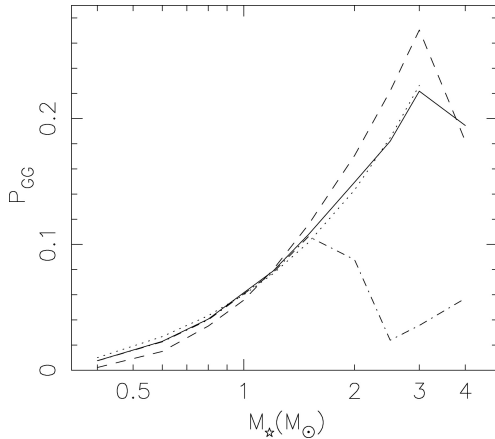
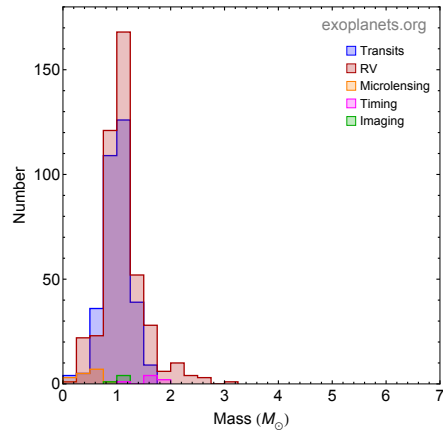


Massive White Dwarfs With Infrared Excesses

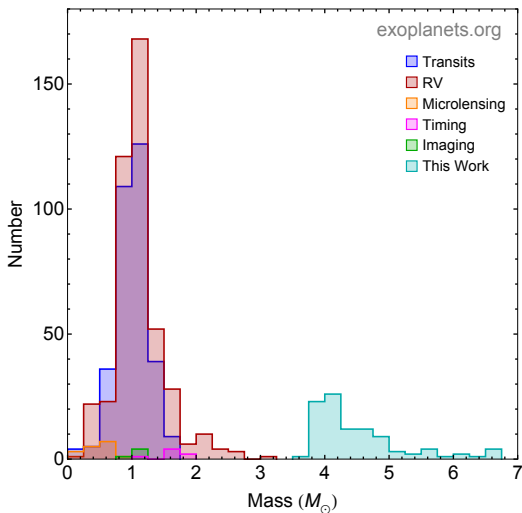
Sara D. Barber

University of Oklahoma

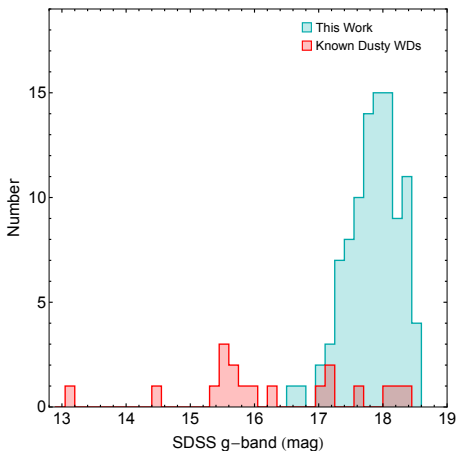
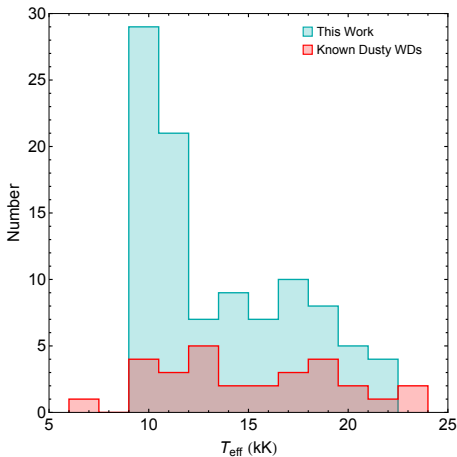
Dearth of Planets at Stars $> 3M_{\odot}$



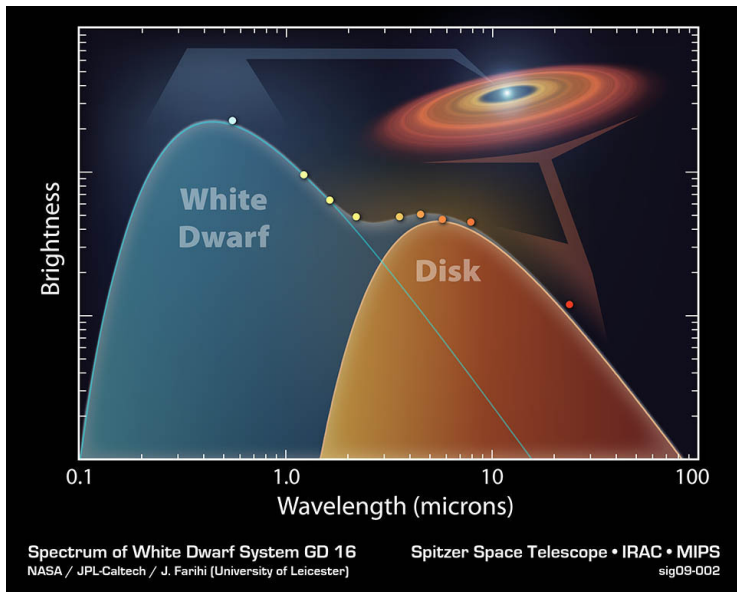
Sample from SDSS DR7 White Dwarf Catalog



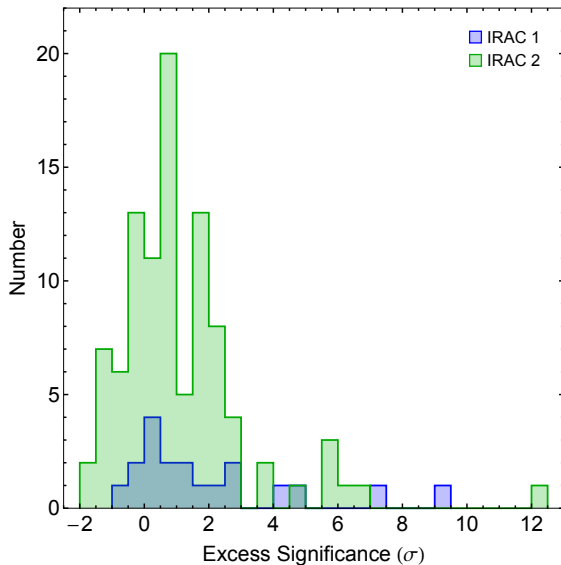
Sample from SDSS DR7 White Dwarf Catalog



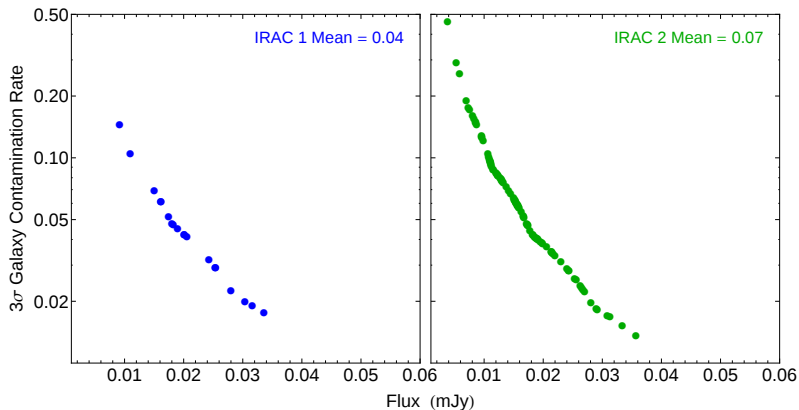
Circumstellar Dust → Infrared Excess



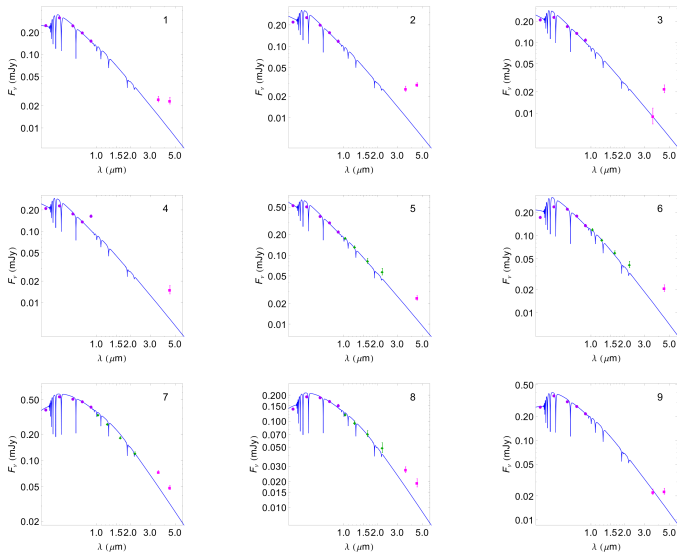
Several WDs Exhibit Significant Excesses



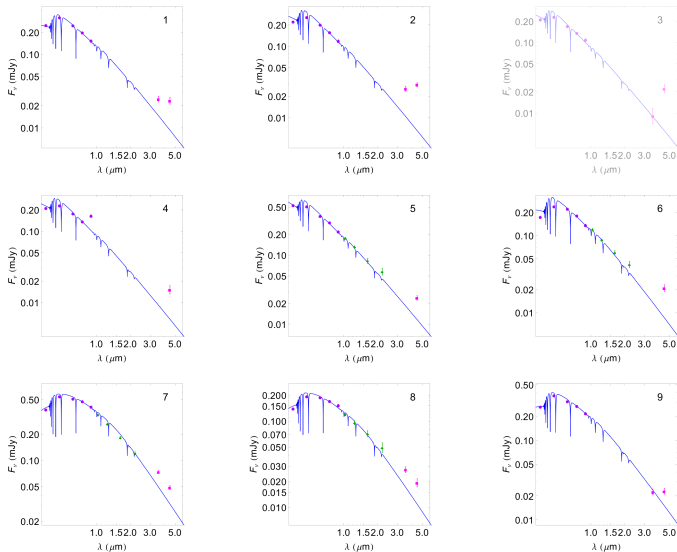
Expected 3σ Excesses Due to Galaxies



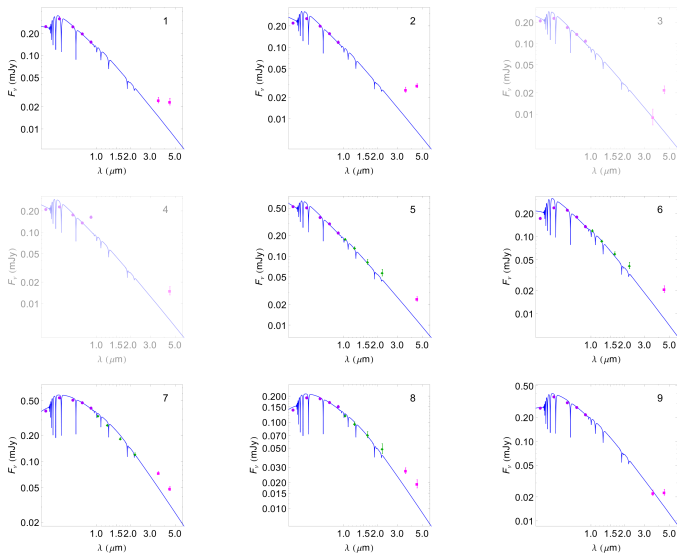
Significant Excesses



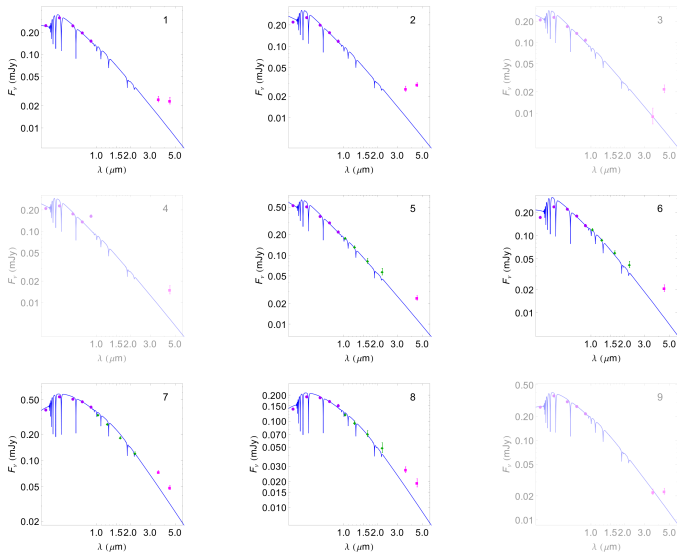
Significant Excesses



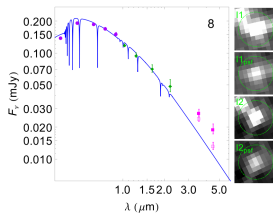
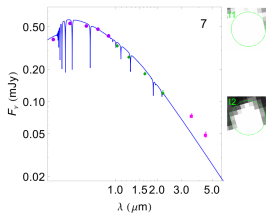
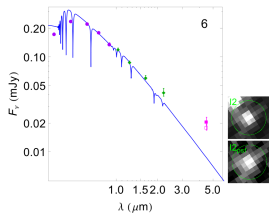
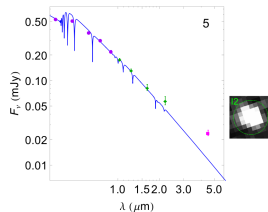
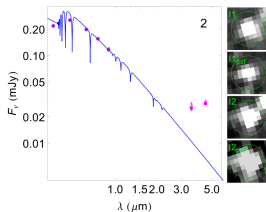
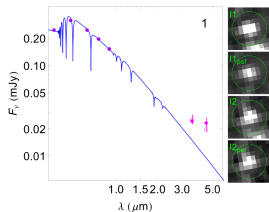
Significant Excesses



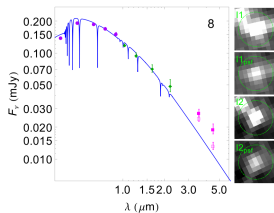
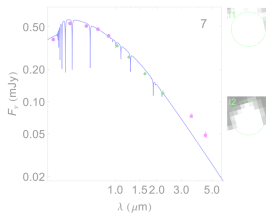
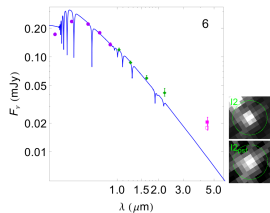
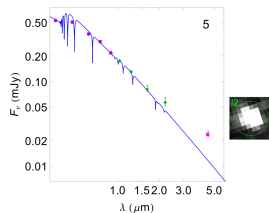
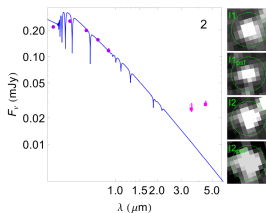
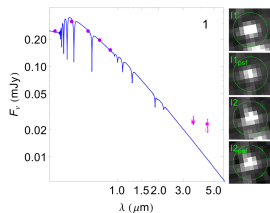
Significant Excesses



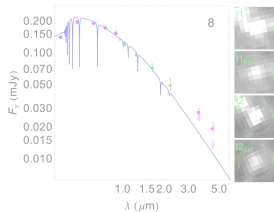
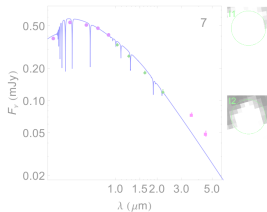
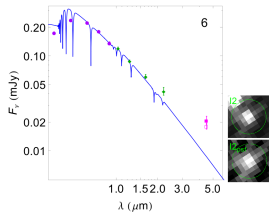
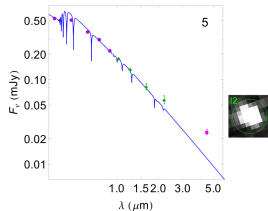
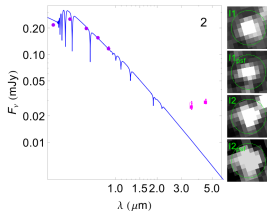
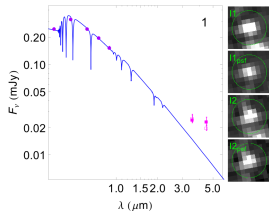
PSF Fitting → Remove Photometric Contaminants



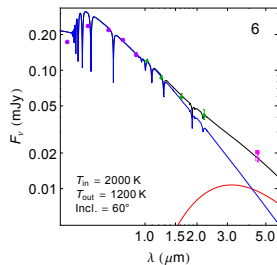
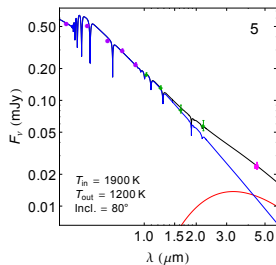
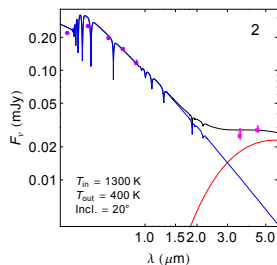
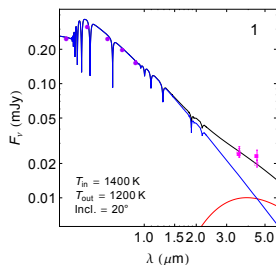
PSF Fitting $\rightarrow$ Remove Photometric Contaminants



PSF Fitting $\rightarrow$ Remove Photometric Contaminants



New Disk Candidates



Planets Around Massive Stars?

