

# ASTR 400B : Research Assignment Proposal

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1. Stellar Streams of M33 (during and after the MW-M31 merger)
  - M33's streams' dynamics - velocity gradients, velocity dispersion and how they change in the combined MW+M31 potential?
  - How well do M33's streams trace the orbit of M33? How does this behavior evolve and why does this happen?
  - How and when do M33's streams form?