**Your profile**

* Graduated from Wheaton College in 2020
* Thesis on galaxy formation in the local universe
* Joined MIT Astronomical instrumentation team in November 2020
* Working on the integration of the LLAMAS spectrograph for the Magellan Telescopes - the spectroscopic counterpart to Vera Rubin observatory
* To support an astrophysics medium explorers proposal for NASA, I developed a python package to collect, organize, analyze, and visualize time-series solar spectrophotometry from a ground-based instrument
* I am interested in Cosmology and gravitational waves
  + Cosmology - dark energy, dark matter, large scale structure and spatial distribution, inflation
  + Gravitational waves - aLIGO and future experiments, stochastic background from inflation or other phase transitions
* I am interested in experiment, theory, and instrumentation development. My interest varies for each field

**Professors**

* Dragan Huterer – Dark energy – dark energy survey
* Keith Riles – gravitational waves – LIGO+aLIGO, algorithm development, and detector characterization
* Marcelle Soares-Santos – Dark energy & multi-messenger astronomy – dark energy survey & LIGO follow-ups
* Camille Avestruz – Large scale structure – ML and cosmological hydrodynamic simulations
* David Gerdes – Dark energy – dark energy survey
* Bjoern Penning – Direct DM particle searches - LUX-Zeplin experiment -> low mass DM

**Questions to ask**

* What is your teaching/mentoring philosophy? Is there a Michigan-wide standard?
* How are students typically funded?
* Has COVID had an impact on your campus operations?
* Do you hold colloquia frequently in your department to try to bring people together in the department? Or other events that target folks outside of it?
* What was the typical timeframe of students?
* After graduating, do students at Michigan typically find themselves in academia, the public sector, or the private sector?
* What types of collaborative opportunities are at Michigan? Is work across astro/physics departments encouraged?

**Responses to questions  
Information received**