**Illinois**

**Location**: Middle of nowhere, similar to Burlington in size

16 hours drive from vt, 16 hours drive from Boston

2 hour drive to chicago, 2 hour flight from chicago to boston, 7 hour flight from chicago to vt

**Funding**: ~20k/year post tax

**Potential professors – what, how**

Peter Adshead - theoretical cosmology on DM, CMB, and inflation

\*\*Jeff Filippini - Observational cosmology on the CMB and particle astrophysics for dark matter - develops instrumentation!!!!!!!

\*\*Gilbert Holder - Observational cosmology with the CMB

\*\*Gautham Narayan - Deep learning for multimessenger astrophysics

\*\*Joaquin Vieira - Observational cosmology, both analysis and instrumentation

Stuart Shapiro - theoretical astrophysics - GWs and Multimessenger astrophysics

Helvi Witek - Theoretical astrophysics with BHs and GWs

Nicolas Yunes - Theoretical astrophysics with BHs and GWs

**Student opinion:**

**Michigan**

**Location**: 45 min drive outside of detroit, college town ~3x the size of burlington

2 hour nonstop flights from detroit to boston, 1.40 nonstop flight from detroit to BTV

11 hour drive from detroit to Burlington, 11 hour drive from detroit to boston

**Funding**: ~29k/year post tax

**Potential professors – what, how**

Keith Riles - searching for continuous gravitational waves in LIGO data, building algorithms to search LIGO data

Gus Evrard – Large scale structure surveys, Data analysis with DES + ???

Dragan Huterer - Theoretical cosmology, data analysis + model building + ???

David Gerdes - Observational cosmology, data analysis of DES + ???

Aaron Pierce - particle astrophysics and cosmology, analyzing LHC data

**Student opinion**:

**Georgia Tech - off the list**

**Location**: North atlanta, fun and hopping town

2.5 hour nonstop flight from atlanta to boston, 2.5 hour nonstop flight from atlanta to BTV

18 hour drive to burlington, 17 hour drive to boston

**Funding**: 24470/year post tax

**Potential professors – what, how**

Laura Cadonati– research not that interesting, BH astrophysics with LIGO

A. Nepomuk Otte - eh

Other profs, yet to be hired

**Student opinion**:

**UW-Milwaukee - off the list. Others supersede in terms of long term career opportunity**

**Location**: Milwaukee WI, mid-size midwestern city on the great lakes

2.5-3 hour direct flights to boston, 16 hr drive

5 hour one stop flights to burlington, 16 hr drive

**Funding**: ~17k after taxes

**Potential professors – what, how**

Sarah Vigeland - gw searches using pulsar timing arrays with nanograv, potentially LISA in the future

David Kaplan - radio astronomy with pulsar timing, ZTF, and ASKAP

Jolien Creighton - involved in data analysis of gw sources, low latency infrastructure for multimessenger alerts, parameter estimation, rates and populations, extreme matter, tests of gr, lending, and cosmology with standard sirens

Philip Chang - computational cosmology for stellar astrophysics

Patrick Brady - see Vigeland and creighton

**Student opinion**: