#### **Administrivia**

#### **Due today**

Interest area statement

#### Due next time

Project ideas (individual assignment)

# What Is Research?

INFO 4940: Advanced NLP for Humanities Research

#### Research is what a field does

Isn't that kind of ... circular?

**Yes**, but the point is the *doing*.

Coursework is not research. Even undergrad research involvement usually isn't research.

Research entails joining a community of practice. If you aren't a member of the community at the end of the process, you haven't done research (in that field).

## You know a field by reading its work

We'll have more to say about this in a week or two ...

#### **Features of research**

Research is **novel**. If someone else has done it already, it's not research (it's a lab exercise or a problem set or engineering).

Research is **important**. Research matters to some part of the relevant community. If no one cares, it's a hobby.

Research is **evidence based**. Work that doesn't involve evidence is philosophy or opinion.

Many valuable things are not research. But we care about research in this class.

### Mind the gap

Successful research identifies a clear problem **area**, maps the state of **knowledge**, finds an important **gap** in that knowledge, and designs experiments to **fill** that gap.

# Motivation, motivation, motivation