17.871 Spring 2003 Examples of previous research topics (that have worked)

| Question  | Data source(s)  |
|---|---|
| Does the death penalty deter murders?   | U.S. Justice Department crime statistics; Book of the States                                    |
| Are more senior members of Congress able to bring more "pork barrel" spending to their districts?   | Rice University data set on federal spending disaggregated to CD level; Congressional Directory |
| What role do congressional committee politics play in the geographic allocation of federal spending on science and technology   | Rice University data set on federal spending disaggregated to CD level; Congressional Directory |
| Do political contributions to congressional candidates from PACs interested in gay rights increase representatives' support for those rights?                                     | FEC data; Roll call data<br>(ICPSR)   |
| Did the increase in the drinking age in the early 1980s reduce drunk-driving fatalities among teenagers?  | Book of the States; Bureau of<br>Justice Statistics data  |
| Does requiring high school seniors to take high-stakes standardized exams hurt or help academic achievement?  | Data from Mass. Dept. of<br>Education; Census data  |
| Do congressional districts with more members of environmentalist groups elect more environmentalist members of Congress?  | Sierra Club membership data;<br>ICPSR roll call data  |
| What method of privitization has been the most economically effective in Eastern Europe following the fall of communism?  | OECD data; World Bank data  |
| Do actions taken by the U.S. to punish terrorism increase or decrease the number of terrorist actions aimed at the US?  | Coding of NY Times articles;<br>Rand Corporation terrorism<br>yearbook                          |
| Does the presence of large numbers of members of environmental groups in a congressional district cause members of Congress to be more pro-environmental in their voting records? | Membership data from groups; interest group ratings reported in reference works.                |
| Does requiring freshmen to live on campus cause drinking to be lowered among freshmen?  | Alcohol Use and Abuse<br>among American College<br>Students, 1993 (ICPSR data<br>set)           |
| What is the role of religiosity in attitudes among Jewish Israelis about "land for peace"?  | Israeli Election Study  |
| Did Roman emperors who acquired power through violence tend to meet violent ends themselves?  | Historical sources concerning the Roman Empire  |
| Which types of international crises tend to produce the biggest "rally effect"?   | Gallup Poll; political scientists' codings of "rally events"                                    |

Characteristics of projects that tend to succeed.

- 1. Data easily available
- 2. Lots of quantitative research already done
- 3. Fields of American politics (public opinion and elections, esp.), public policy.
- 4. Data-rich fields (in addition to American politics, elections and public opinion generally, political economy).

## Characteristics of projects that tend to flounder:

- 1. Data hard to come by in the field
- 2. Very little quantitative analysis or careful case studies already done
- 3. Idiosyncratic phenomena, like terrorism
- 4. Projects that rely on a survey in an unknown field
- 5. Projects where you know the answer already and can't be convinced you're wrong.