Social scientists often work with private datasets that cannot be shared due to legal restrictions, but secure multi-party computation can enable many interesting joint data analyses without exposing private datasets.

Motivating Example:
Legal restrictions and privacy requirements prevent these agencies from releasing or combining their datasets, but MPC allows a joint data analysis.

Obliv-C (http://oblivc.org) makes it simple to execute MPC over TCP/IP connections and fully integrate code with C tools:

```c
for(int i = 0; i < n; i++) {
    oArr[i] = feedOblivInt(iArr[i],party);
}
obliv int orsqr = getOblivRSquared(oArr);
revealOblivInt(&io -> rsqr,orsqr,0);
```

Performance: c4.large AWS EC2 nodes can carry out computation of 1 million data points in 127 minutes using Obliv-C. With current c4.large node costs, two parties can execute MPC on 10 million data points at a cost of $4.45 in 21 hours.

Get started developing MPC applications for social scientists: http://oblivc.org/tutorial