Face ID
Barometer
Three-axis gyro
Accelerometer
Proximity sensor
Ambient light sensor
Question: How do you persuade independent-minded individuals and entities to do what you think is right when they have no legal obligation to do so and they think it’s unnecessary?
Research Methodology

• Qualitative interviews with thought leaders:
  – App and device developers
  – Researchers using mobile devices
  – Patient and research participant advocates
  – Regulatory and policy professionals

• Working group meetings to hear from stakeholders

• JLME Special Issue – March 2020

• Policy and App Developer workshops to disseminate
Options for Preventing Harms from Unregulated Health Research Using Mobile Devices

1. Extend the Common Rule to all research and researchers
   - It is best suited to safeguard the welfare and interests of research participants and society
   - Overwhelming majority of other countries use this approach
   - Little political support at the present time
2. Maintain Status Quo:
   • No major adverse events (yet)
   • Regulation will further drive research underground
   • Some valuable research will not get done
Answer:

1. Establish outer boundaries
2. Provide education and assistance
3. Appeal to their self-interest and sense of decency
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