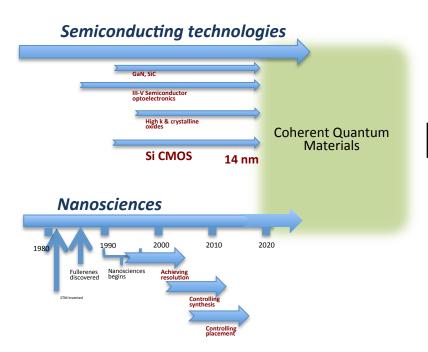
The role of government laboratories:

End-to-end science and multidisciplinarity





Quantum sensing:

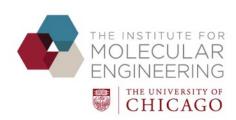
< classical noise limits Squeezed states

- Inertial navigation systems
- Magnetic fields
- Remote sensing
- · Clocks
- Molecular imaging



High Energy Physics





Government Labs:

- Large scale research facilities: government lab-university consortia
 —more, closer interaction.
- User facilities act as waterholes
- Massively parallel characterization capabilities, pushing limits of instrumentation
- Extensive synthesis capabilities; Remote synthesis via Hardware Cloud a possibility for future.



