

Q6: What core missions will quantum system engineering (QSE) serve?

A6: QSE supports the core ethics of the DoD, NIH, NIST, and NSF

Lessons-Learned from the Human Genome Project (HGP)

- **Respect for freedom**
 - **Freedom of thought:** the right to freely choose lines of inquiry
 - **Freedom of enterprise:** the right to launch new enterprises
- **Respect for knowledge**
 - **Standards:** adherence to time-tested standards of science
 - **Openness:** a literature whose access is open to all
 - **Consilience:** the integrity of humanity's expanding knowledge
 - **Curation:** passing our knowledge and traditions to the next generation
- **Respect for security**
 - **Freedom from fear:** the “Biospace Race” is a one-time opportunity for 21st Century global cooperation, enterprise, and friendly rivalry.
- **Respect for human rights**
 - **The right of heritage:** Biospace is humanity's common heritage: full, free and equal access to it is a major human-rights issue.