



SYNTHETIC BIOLOGY AND ENGINEERING ETHICS WORKSHOP

RESEARCH QUESTIONS AND ESSENTIAL READINGS

■ FOR EXPERTS IN ENGINEERING ETHICS

- After reading the one-pager, can you come up with two questions focused on ethical issues that seem key to developing socially responsible synthetic biology?
- Can you also formulate one personal reflection about the shape that collaborations between engineering ethics and an emerging technology like synthetic biology should take?
- What activities and materials should have priority in ethics training in synthetic biology?

■ FOR EXPERTS IN SYNTHETIC BIOLOGY

- After reading the one-pager, can you come up with two ethics-related questions that seem key or unaddressed, or that you have encountered while practicing bio-engineering/synthetic biology?
- Can you also formulate one personal reflection about the shape that collaborations between experts in synthetic biology and experts in engineering ethics should take?
- What activities and materials should have priority in ethics training in synthetic biology?

■ ESSENTIAL READINGS – Also can be found on Workshop webpage

Engineering Ethics

http://www.synbioproject.org/process/assets/files/6452/_draft/090420f9gv_lib_johnsongdandwetm.pdf

Ethical and Social Implications of Synthetic Biology

http://www.synbioproject.org/process/assets/files/6452/_draft/cho_science_2010_syntehtic_life_ethics.pdf

http://www.synbioproject.org/process/assets/files/6452/_draft/calvert.pdf

http://www.synbioproject.org/process/assets/files/6452/_draft/fisher.pdf

■ SUPPLEMENTARY READINGS

Engineering Ethics

http://www.synbioproject.org/process/assets/files/6452/_draft/davis_defining_engineer.pdf

<http://www.onlineethics.org/Education/instructessays/teaching.aspx>

Ethical and Social Implications of Synthetic Biology

http://www.synbioproject.org/process/assets/files/6452/_draft/rabinow.pdf

http://www.synbioproject.org/process/assets/files/6452/_draft/hastings.pdf