Synthetic biology is interconnected with society

Synthetic biology generates new tools and knowledge, which may help solve problems in areas such as food security, healthcare, energy, and the environment.

Synthetic biology benefits from many voices. People from different fields, including art, science, engineering, public policy, and political science all need to participate. This work can take place in universities, companies, and community DIY (do-it-yourself) labs. The participation of diverse communities fosters the creativity and growth of the field.

This emerging field of research also raises important questions about how and why we use new science and technology in our lives. Our values, as individuals and as a society, help determine which technologies are developed and used. Public input can shape the future of synthetic biology.
Synthetic biologists solve problems by applying engineering principles to biology