

Calling all **Bio-Geeks!**

Come explore the potential of engineering biological systems with the
University of Alberta

DIGITAL BIOLOGY NETWORK

A biweekly meeting for undergrads, grads, and faculty to brainstorm and design biological programs with synthetic biology.

Synthetic biology is where genetic engineering is quickly heading. Don't cut and splice DNA in a wet lab. Edit the code on computer and print it.

The work isn't easy. The tools for programming DNA code are still awkward, but the potentials are almost limitless. Turn a bacterium into a biofuel producer, like the U of A ButaNerds did last year. Or into a biosensor for arsenic in water, potentially saving thousands of lives in Bangladesh. Or a computer that can keep expanding its processing power exponentially forever. What would you build?

Designs created by the DBN that have a high probability of success and address large public needs will be considered for proof-of-concept funding in advance of soliciting public or industry sponsors.

No experience necessary, just self-motivation and tenacity

Refreshments are provided

Next Meetings:

ROOM 249 Computing Science Centre

for additional information see DIGITALBIOLOGY.ORG or email ahessel@gmail.com

