



ILLINOIS INNOVATION PRIZE

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Technology Entrepreneur Center

GRAINGER COLLEGE OF ENGINEERING

Gabriel Price is the founder of Earnest Earth Agriculture, a company that is helping farmers solve the problem of solid waste management by transforming harmful waste into safe, nutrient-rich bio fertilizer. Gabe has developed, fabricated, and patented a new bioreactor system to improve agricultural sustainability by improving waste management practices directly on farms.

As a PhD candidate, his research work is focused on the use of microorganisms to suppress pathogens in crops, with the hopes to replace chemical and synthetic pesticides. Gabe believes that addressing plant pathogen infection in crops will improve food security and enhance crop yield. Pathogens are responsible for up to 40% of the losses in the crop yield globally. Through his research, Gabe has demonstrated that the phenomena of microbial competition can improve the suppression of pathogens in microbial biocontrol applications (the technology that can suppress plant pathogens). He strongly believes that true innovators continue to push themselves and develop countless ideas into creations that can benefit humanity.

#IIP

2020 FINALIST

GABRIEL PRICE

*PhD Candidate in Ecology, Evolution, & Conservation Biology,
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