

Micah Sheppard

“Micah”



Graduate Institution: Massachusetts Institute of Technology

Location: Cambridge, MA

Graduate Discipline: Chemical Engineering

Hometown: Norwich, CT

Research Interests:

Metabolic Engineering of microbes for the conversion of biomass derived sugars to high value chemical products including biofuels. I am focused on implementing non-natural pathways in these organisms.

About me:

*I am currently finishing my second year of graduate study at MIT working with Prof. Kristala Jones Prather. My current project seeks to develop novel pathways in *E. coli* for the production of next generation biofuels. I have enjoyed the freedom of shaping my own research projects which has caused me to currently lean towards pursuit of an academic career, but I am very open to other possibilities. Someday I would love to get involved with design and development of sustainable communities.*

I attended the University of Pennsylvania as an undergraduate where I became a member of Tau Beta Pi and also helped found a chapter of Theta Tau, a professional engineering fraternity. I enjoy most athletics and play soccer, basketball, and volleyball.



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