

## **Post-Doctoral Positions in Chemical & Biological Engineering:**

1. An immediate Great Lakes Bioenergy Research Center funded post doctoral position is available to work on developing computational models for improving cellulose degradation. The developed model will assess the metabolic burden of producing recombinant cellulases, and compare strategies of enzyme secretion versus membrane localization. The developed model will include mass transfer processes (diffusion) and transport rate equations to evaluate the strategies to maximize cellulose degradation and utilization. Modeling experience (stochastic, dynamic, transport, and/or spatial/temporal) is required. Experience with optimization approaches and languages is desirable. Research will be conducted in the Department of Chemical & Biological Engineering at University of Wisconsin-Madison. Interested candidates should e-mail their CVs to Jennie Reed ([jlreed@wisc.edu](mailto:jlreed@wisc.edu))