Postdoctoral Research Associate Position: Bioprocess/Systems Engineering

Position Summary:
The Biobased Systems Analysis Lab (BSAL) in the Department of Food, Agricultural and Biological Engineering at The Ohio State University invites applications for a Postdoctoral Research Associate (postdoc) position in bioprocess/systems engineering. The successful candidate will be involved in projects related to: 1) process/techno-economic/life cycle modeling of biobased systems, and 2) lignocellulosic biomass preprocessing through mechanical, chemical and thermal means. The postdoc is expected to publish research findings in international peer-reviewed journals, present research findings in conferences/meetings, generate regular update reports, assist in grant writing, supervise BSAL graduate and undergraduate students, and assist with other research activities, as needed.

Qualifications:
A Ph.D. degree in Agricultural, Biosystems, Mechanical or Chemical Engineering; Environmental Sciences; or other related disciplines is needed. Experience in biomass handling and preprocessing, process modeling, techno-economic analysis, and life cycle assessment (LCA) is needed. Familiarity with one or more process modeling and/or LCA software is preferred. Familiarity with U.S. agricultural production systems is desirable. Other desirable qualities include the ability to learn/adopt skills and knowledge in solving “real-world” problems, creative and independent research abilities with a team-work perspective, and strong oral and written communication skills.

Salary and Benefits:
Salary will be commensurate with experience, and benefits will be as per the Ohio State University policies.

Anticipated Starting Term: As soon as possible (Open until filled)

To ensure consideration for this position, please e-mail a cover letter indicating your related experiences, technical skills, background and interests in this area; academic transcripts; a detailed CV; and names and contact details of three professional referees to:

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