**Biofuels Post-doc**

Applications for a research associate (post-doc) position are being accepted for studies related to the synthesis of terpene molecules as high value products and biofuels. The person chosen will work with members of the **Great Lakes Bioenergy Research Center**, at **Michigan State University**. The person in this position will work with bacteria and plants. Most of the work will focus on the regulation of the methylerythritol pathway, but will also include work on the effects of expressing genes for novel terpene synthases on plant performance. This person will also work with isoprene synthases, in some cases eliminating them from target plants and in other cases overexpressing them. The position is expected to be available December 1, 2017 and last for one year with possibility of reappointment, dependent on progress and funding availability

Applicants must have strong training in biochemistry of plants and/or bacteria and special skills in one or more of the following subdisciplines: genetic manipulation of organisms, terpene synthesis, gas chromatography, HPLC, and mass spectrometry. A PhD in biochemistry, plant physiology, genetics, chemistry, or related field is required, along with and strong publication potential. Ideally the candidate will already have at minimum one first-author paper.

Applicants should provide a cover letter, curriculum vitae, a 1-2 page statement of why they are interested in this position, and the names of three people who can provide a letter of reference. The application package must be submitted through the MSU Career Website at: <https://careers.msu.edu/> (search for **posting #470533**). To ensure full consideration, applications should be submitted by November 1, 2017.

**Questions regarding this position may be emailed to Professor Tom Sharkey at** [**tsharkey@msu.edu**](file:///C%3A%5CUsers%5Cboyceb%5CAppData%5CLocal%5CMicrosoft%5CWindows%5CTemporary%20Internet%20Files%5CContent.Outlook%5C4J3VTSIA%5Ctsharkey%40msu.edu) **using the subject “GLBRC Post-doc”.**