



**Research Associate – Green Bioproducts**

**Position Announcement**

Department of Forestry, Michigan State University

**Position description:** The Department of Forestry at Michigan State University is seeking a highly motivated Research Associate / Postdoctoral Researcher for developing lignin-based bioproducts. The researcher will be working on multiple research projects under the supervision of Dr. Mojgan Nejad. The candidate will be required to conduct biopolymer characterization, resin formulation, performance evaluation and to write project reports and refereed papers. These multidisciplinary projects are performed in close collaboration with multiple industry partners and the individual will have the opportunity to interact with major polymeric industry leaders on a regular basis. It is expected for the researcher to mentor graduate and undergraduate students in the lab and provide required lab and safety training. The position will begin as a one-year appointment with extension available depending on satisfactory performance and continued funding availability.

**Required qualifications:** The successful candidate will have an earned PhD in polymer chemistry, organic chemistry, chemical engineering, or related field by the position start date. Additional preferred qualifications include knowledge of lignin chemistry and resin formulation; demonstrated ability to work with advanced analytical techniques such as NMR, FTIR, DSC, TGA and GPC; expertise in multivariate data analysis using chemometric software (Unscrambler or SIMCA-P); previous project management experience; and exceptional work ethic and professionalism.

**Location:** The position will be based at Michigan State University in East Lansing, MI, USA.

**To Apply:** Submit your application online at <https://jobs.msu.edu> to position number 4971 before midnight (U.S. Eastern time) on Friday, March 31, 2017. Upload the following required documents as a **single PDF**: 1) a letter of interest detailing qualifications for the position, 2) curriculum vitae, 3) a list of three professional references with contact information (institution, email address, phone number). Incomplete applications will not be considered.

**Application deadline: March 31, 2017.** Desired start date is May 2017, but earlier or later start dates may be possible if identified in the application cover letter. Questions about the position should be directed to Dr. Nejad at [nejad@msu.edu](mailto:nejad@msu.edu).

*MSU is an equal opportunity employer and the MSU Department of Forestry is committed to promoting diversity in research. We actively encourage applications from, and nominations of, women, persons of color, veterans, persons with disabilities and other individuals who can contribute to the intellectual diversity and cultural richness at Michigan State University. MSU is committed to providing a work environment that supports employees' work and personal life, and offers employment assistance to the spouse or partner of candidates for faculty and academic staff positions.*