Postdoctoral researcher

Instructions:
Please do not submit an application to this posting. To apply for this position, follow the direction below.
1. Please include the following in the application email: Cover letter, including research and career interests, CV, Preprints of publications (if listed on your CV, but not yet available)
2. Please send the application to: Tae Seok Moon, tsmoon@wustl.edu

Job Type/Schedule
This position is full-time and works approximately 37.5 hours per week.

Department Name/Job Location
This position is in the Department of Energy, Environmental and Chemical Engineering (the Danforth Campus in the McKelvey School of Engineering, Washington University in St. Louis).

Essential Functions
We are seeking an enthusiastic Postdoctoral Researcher to start Synthetic Biology projects in the Moon lab. We aim to engineer microbes for addressing energy, environmental, and health issues. Specifically, we are interested in developing synthetic biology tools, constructing genetic circuits, and engineering regulatory RNAs in diverse bacteria. For more information, please visit our website:   http://moon.eece.wustl.edu/

Required Qualifications
1. A recent PhD degree (within past 2 years) in chemical engineering, bioengineering, chemistry, physics, microbiology, molecular biology, or related areas
2. Experience in molecular biology techniques is essential.
3. The Postdoctoral Researcher is required to work independently, supervise PhD students, assists with grant preparation and reporting, and collaborate with other labs.
4. Strong oral and written communication skills are required.
5. The Postdoctoral Researcher should be highly motivated with the commitment to excel in the competitive research field of synthetic biology.

Preferred Qualifications
Applicants with prior experience in bacterial synthetic biology are desired.

Salary Range
The hiring range for this position is commensurate with experience.

Benefits
This position is eligible for full-time benefits.

EOE Statement
Washington University is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, age, sex, sexual orientation, gender identity or expression, national origin, genetic information, disability, or protected veteran status.