



Oregon State University
College of Engineering

**School of Civil and
Construction Engineering**

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**Seeking a qualified candidate for a post-doctoral position in large-scale testing
and simulation of machine and tool interaction with granular materials.**

The **Granular Geomechanics Group** in the School of Civil and Construction Engineering at Oregon State University is seeking a full-time (1.00 FTE), 12-month, fixed-term Postdoctoral Scholar starting in October 2020 (open until filled). Candidates are required to have a Ph.D. in civil engineering, materials science/engineering, mechanical engineering, physics, or a closely related discipline with expertise in granular mechanics. The ideal candidate will be comfortable developing new experimental protocols and proficient in image capture, processing, quantification, and analysis. Experience with discrete element method modeling (*PFC^{3D}*, *Yade*, *EDEM*) is strongly preferred. ***A strong commitment to collaboration, diversity, equity, inclusion, and community building is a requirement for the position.***

The successful candidate will perform research in the areas of particulate modeling, granular mechanics, and granular material-tool interaction. The candidate will be expected to conduct research and publish the results in high caliber, peer reviewed journals; periodically lead lectures and labs for geotechnical engineering courses; assist with the development of research proposals; and participate in a variety of outreach activities.

This is a 1-year appointment; however, it can be extended based on satisfactory performance, continued funding, and mutual agreement. If you meet the aforementioned requirements, please email the following documents in a **single PDF file** (Word documents will not be opened) to the contact listed below:

- A detailed CV;
- A two-page statement describing your background, how you fit the advertised position, and your commitment to collaboration, diversity, equity, inclusion, and community building; and
- Contact information for three references.

The subject line of your email should contain the following text: “Postdoctoral Scholar, Rock-Tool Interaction (*your last name*)”

Please note that only the qualified candidates with the required expertise will be contacted.

Contact:

T. Matthew Evans (he/him/his, [Google Scholar](#))

Professor

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