

**POSTDOCTORAL SCHOLAR JOB ANNOUNCEMENT  
OREGON STATE UNIVERSITY  
School of Civil and Construction Engineering**

Oregon State University, School of Civil and Construction Engineering located in Corvallis, Oregon is seeking a qualified candidate for a post-doctoral position.

The Weiss-Isgor Research Group, School of Civil and Construction Engineering, at Oregon State University, is seeking a postdoctoral scholar, 1.0 FTE, in the area of testing and modeling low carbon concrete. The position will begin in May 2022 (flexible dates as negotiated). This is a 12-month appointment; however, it can be extended based on satisfactory performance and mutual agreement. The position will remain open until filled.

Candidates are required to have a Ph.D. in civil engineering, materials science/engineering, chemical engineering or a closely related discipline with expertise in alternative supplementary materials cement, thermodynamic modeling, and analytical test methods.

The successful candidate will work on the investigation of alternative cement reactivity, cellulose nano materials, and field trials. For reference, applicants are referred to the following publications:

- Paper #1 - Pozzolanic Reactivity Test of Supplementary Cementitious Materials – DOI [10.14359/51734349](https://doi.org/10.14359/51734349)
- Paper #2 - Cellulose nanomaterials as additives for cementitious materials [10.1016/B978-0-08-100957-4.00020-6](https://doi.org/10.1016/B978-0-08-100957-4.00020-6)
- Paper #3 - Predicting pore volume, compressive strength, pore connectivity, and formation factor in cementitious pastes containing fly ash - DOI: [10.1016/j.cemconcomp.2021.104113](https://doi.org/10.1016/j.cemconcomp.2021.104113)

For additional information about the activities in our research group, please visit:  
<http://research.engr.oregonstate.edu/weiss/>

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.

The subject line of your email should contain the following text: “Post-doctoral scholar in low embodied concrete (your last name).”

- A detailed CV
- A one-page statement describing your background and how you fit the advertised position
- Contact information for three referees

The subject line of your email should contain the following text: “Post-doctoral scholar in low embodied concrete (your last name).”

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

Contact: Jason Weiss  
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