

9/21/2021

# UNDERGRADUATE RESEARCH POSITIONS AVAILABLE

The UC Pavement Research Center is looking to hire motivated, hard-working undergraduate students for research assistant positions at our ATIRC materials testing laboratory and heavy vehicle simulator track. Work includes:

- General Laboratory: Under supervision, sampling, specimen preparation, and testing of pavement related materials including aggregates, asphalt binder, asphalt concrete, portland cement concrete, field recycled aggregates, and soil, general lab support, equipment maintenance, and data analysis. May include evening and weekend work. Possibility of travel to field sites and study projects.
- Heavy Vehicle Simulator (HVS): Monitoring current full-scale accelerated pavement tests at our ATIRC track, collecting temperature information, logging observations. Provide labor support to engineers and main operators when needed. Will include evening and weekend work.
- State Quality Assurance Testing and Specification Development including the Sacramento I-5 Capital Corridor Improvement Project; California's 5<sup>th</sup> long-life asphalt pavement pilot project and brings HOV lanes to the Southern-Sacramento region, In placed recycled (IPR) pilot projects throughout the state to further implement these new technologies, and a Caltrans recycled asphalt shingle (RAS) Pilot Project in El Dorado County, on Hwy 49.

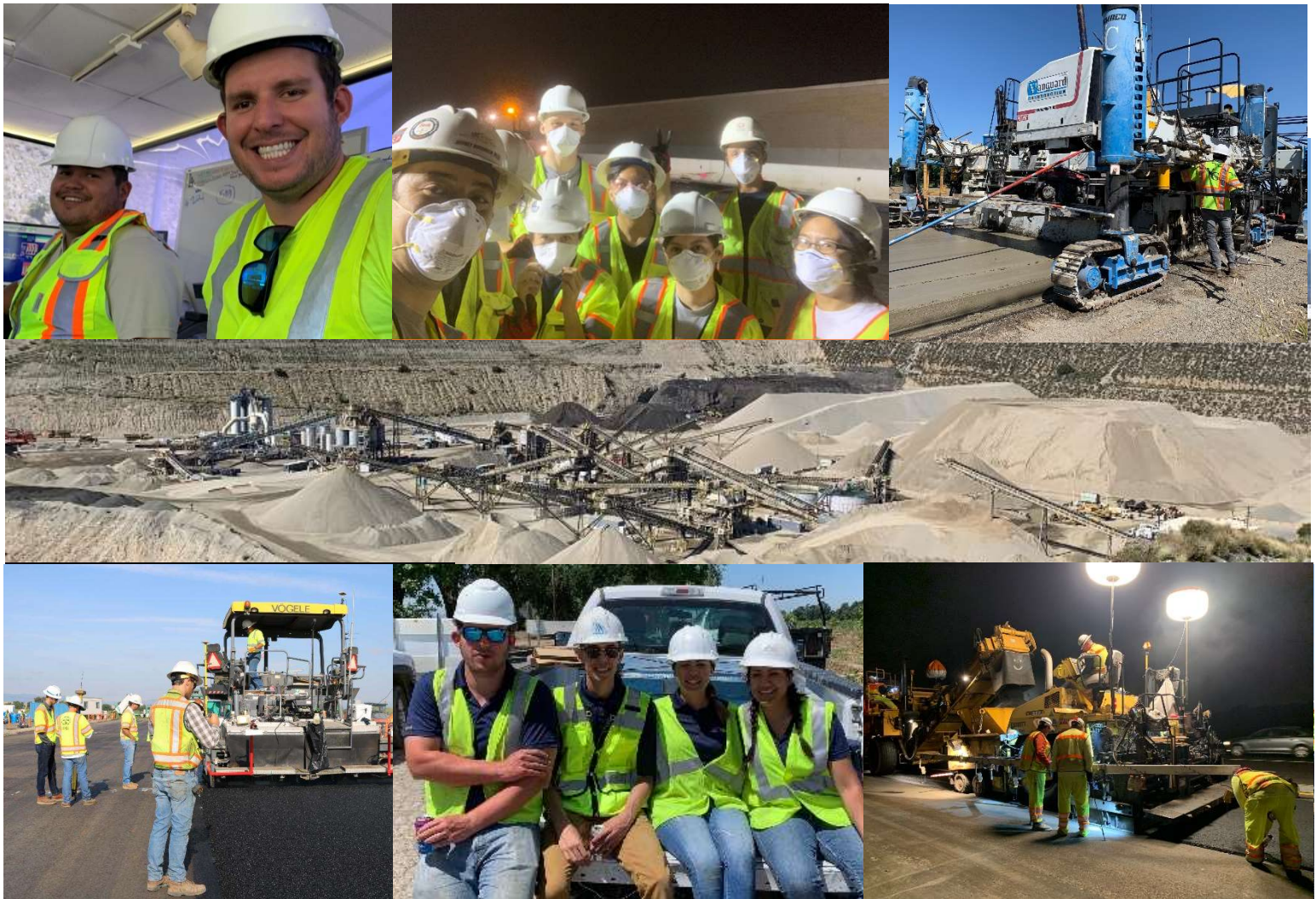
All undergraduate staff are expected to work 10-19hrs/week during the school year and 30-39 hrs/week during the summer. The position is reviewed each quarter and renewals are made depending on job performance and project needs. Students hired in Fall 2021 are expected to work through the 2022 academic year contingent on individual performance. Must be a current UCD undergraduate student to be eligible and salaries range from \$14.50 - \$16.50 / hour.

These positions are highly rewarding, and just about all of the UCPRC's undergraduate alumni have earned full employment within industry, agency, internally for the PRC, or continue to pursue advanced degrees.

**COVID-19 Update:** these positions are on-site and within UCD campus ready approvals and the current UCPRC safety protocols

To be considered, please apply through Handshake. Applications will be accepted until available positions are filled.

General information about the UC Pavement Research Center can be found at [www.ucprc.ucdavis.edu](http://www.ucprc.ucdavis.edu) You may also find us on Instagram @uc\_prc



The UC Pavement Research Center, in Partnership with the California Department of Transportation (Caltrans), is a research division of the UC Davis and UC Berkeley Colleges of Engineering and is committed to improving pavement structures, materials, and technologies. Current areas of technical expertise and focus include in-place recycling methods (FDR, CIR), high recycled content (RAP) hot mix asphalt, asphalt concrete with recycled tire rubber, standard inventories for the state's materials, long life asphalt designs, bonded concrete on asphalt (BCOA) designs, superpave design methods, and performance-related specifications. More information regarding the UCPRC may be found at [www.ucprc.ucdavis.edu](http://www.ucprc.ucdavis.edu)