



Phil and Penny Knight Campus for Accelerating Scientific Impact



The Phil and Penny Knight Campus for Accelerating Scientific Impact is a billion-dollar initiative aimed at integrating research, training, and entrepreneurship into a single, nimble, interdisciplinary enterprise. Made possible by a \$500 million lead gift from Penny and Phil Knight and augmented with \$70 million in state funds, the Knight Campus vision blends cutting-edge science – in areas such as bioengineering, biomaterials, technologies for precision medicine, prediction of complex biological systems, and synthetic biology – with an entrepreneurial drive to produce products, processes, and tools that address major challenges.

Construction is underway on the \$225 million, 160,000-square-foot first phase, with researchers and students scheduled to move in spring of 2020. Work started this spring on a pedestrian sky bridge over Franklin Boulevard, connecting existing UO science facilities with the home of the Knight Campus.

The Skybridge

The bridge is mainly comprised of a structural steel frame that uses two butterfly arches and suspension cables. Crews from multiple labor trades will erect the structure one half at a time, gradually increasing the load of the bridge until it is 100 percent self-supporting.

By gradually increasing the loading, crews will be able to frequently test and re-test structural integrity along the way. The construction plan underwent an independent third-party engineering evaluation to ensure maximum safety. A third-party special inspector will provide an independent inspection of all bolted and welded connections, as well. At the end of every night of work, the structure will be secure and safe for vehicles to travel under during the following day.

Once the structure is erected, it will then receive finish paint, architectural sheet metal panels, curtain wall glazing, and interior finishes such as doors and flooring. The bridge is scheduled to be structurally complete by Labor Day, but will not open until the Knight Campus does, in the late spring of 2020.

Updates, lane closure schedules and detour routes are available on the Knight Campus website's construction and traffic section:

<https://accelerate.uoregon.edu/construction-and-traffic-updates>

Bridge Stats:

- **Width:** 14 feet (walking area)/48 feet, 2 inches (arch to arch)
- **Length:** 190 feet
- **Height:** 35 feet (top of walking area)/50 feet, 8 inches (top of arches)
- **Weight:** Approximately 500 tons (bridge itself is 300 tons, concrete footings are more than 200 tons).
- **Building materials:** Structural steel, glass, and sheet metal

Knight Campus Information

- **LEAD GIFT:** \$500 million from Penny and Phil Knight
- **STATE APPROPRIATION:** \$70 million in bonds (\$50 million in 2017 and \$20 million in 2018)
- **CONSTRUCTION COST FIRST PHASE:** \$225 million
- **FIRST PHASE SIZE:** 160,000 square feet
- **OPENS:** Spring 2020
- **ARCHITECTS:** Bora Architects of Portland and Ennead Architects of New York
- **GENERAL CONTRACTOR:** Hoffman Construction of Portland

Photo and video assets:

<https://accelerate.uoregon.edu/downloadable-knight-campus-assets>