

The Department of Physics at the **University of Washington** invites applications for a **postdoctoral scholar**. The successful candidate will work on the [ATLAS](#) experiment at the LHC and the Fast Machine Learning collaboration (<https://fastmachinelearning.org/>) with Professor [Shih-Chieh Hsu](#).

The University of Washington [Elementary Particle Experiment Group](#) consists of Professors Henry Lubatti, Gordon Watts, Anna Goussiou and Shih-Chieh Hsu, is actively engaged in the Trigger and Data Acquisition System, Inner Tracker Pixel, and Software and Computing. Our physics interests are focused on search for exotic Higgs decay, dark matter and new resonance particles, especially with searches using novel jet tagging techniques. We are also a founding member of the ASAML project (Advancing Science with Accelerated Machine Learning). Our group's ASAML work is ranging from real-time, on-detector and low latency machine learning applications to high-throughput heterogeneous computing big data challenges. Postdoctoral Scholars are represented by UAW 4121 and are subject to the collective bargaining agreement, unless agreed exclusion criteria apply. For more information, please visit the University of Washington [Labor Relations website](#).

Qualifications

The successful applicant should have a Ph.D., or foreign equivalent, by the time they start at the University of Washington and be interested in contributing to both the Beyond Standard Model search physics program and Machine Learning.

Application Instructions

Applications should be submitted at <https://apply.interfolio.com/76342> and consist of a CV, a short research statement, and three letters of recommendation. Applications received by July 31, 2020, will receive full consideration. The position will remain open until filled. Please contact Prof. Shih-Chieh Hsu (schsu@uw.edu) with any questions.

Equal Employment Opportunity Statement

University of Washington is an affirmative action and equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, marital status, pregnancy, genetic information, gender identity or expression, age, disability, or protected veteran status.

Commitment to Diversity

The University of Washington is committed to building diversity among its faculty, librarian, staff, and student communities, and articulates that commitment in the UW Diversity Blueprint (<http://www.washington.edu/diversity/diversity-blueprint/>). Additionally, the University's Faculty Code recognizes faculty efforts in research, teaching and/or service that address diversity and equal opportunity as important contributions to a faculty member's academic profile and responsibilities (<https://www.washington.edu/admin/rules/policies/FCG/FCCH24.html#2432>).