

Western Engineering

Postdoctoral Associate Position Opportunity

Department: Electrical & Computer Engineering

Supervisor: Prof. Xianbin Wang

Description of Research and Position:

We are seeking one highly motivated postdoctoral associate in the broad areas of future wireless networks and machine learning. Research topics include but are not limited to goal-oriented communications, Wi-Fi network optimization, multi-dimensional resource utilization, machine-learning aided operation and orchestration. The candidates will be involved for the design, development, optimization and application of wireless systems. The candidates are also expected to contribute to other aspects, including closely collaborating with other students in the group, and preparing proposals and deliverables for related projects.

Accountabilities of the Role:

- Conduct innovative research in the areas related to the 5G/6G/Wi-Fi communications and publish academic papers in reputable journals
- Take an active part in research projects and file project reports
- Assist with the supervision of graduate students

Educational Requirements necessary for the Role:

- Applicants must hold a Ph.D. in Wireless Communications/ Computer Science and other related fields.
- Preference will be given to those who have proven track-record of research on 5G/6G, Wi-Fi networks, intelligent resource management, goal-oriented communications and protocol design.
- Strong publication record in top-tier IEEE journals and conferences.

Number of Opportunities: 1

Proposed Start Date: 05/01/2026

Length of Appointment: 1 year (renewable)

Please note that the length of appointment may change.

How to Apply:

Please send the application package, including curriculum vitae, 3 representative publications and research plan, to Prof. Xianbin Wang directly by email at xianbin.wang@uwo.ca.

Posting Expires: April 10, 2026

Note: Postings must be publicly available for a minimum of 10 days.