

## PhD Positions at the University of Ottawa University of Ottawa

Direct Link: <https://www.AcademicKeys.com/r?job=258914>

Downloaded On: Jul. 23, 2025 3:19pm

Posted Jul. 1, 2025, set to expire Oct. 30, 2025

<b>Job Title</b>	PhD Positions at the University of Ottawa
<b>Department</b>	School of Electrical Engineering and Computer Science <a href="https://www.uottawa.ca/faculty-engineering/school-electrical-engineering-computer-science">https://www.uottawa.ca/faculty-engineering/school-electrical-engineering-computer-science</a>
<b>Institution</b>	University of Ottawa Ottawa, Ontario
<b>Date Posted</b>	Jul. 1, 2025
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Energy Technology Electrical and/or Electronics Computer Engineering Computer Science
<b>Apply By Email</b>	<a href="mailto:nchen@uottawa.ca">nchen@uottawa.ca</a>
<b>Job Description</b>	

### PhD Positions at the University of Ottawa

**Position Overview:** Dr. Nan Chen currently has multiple PhD positions for **Fall 2026 or Winter 2027** in the School of Electrical Engineering and Computer Science at the University of Ottawa.

## PhD Positions at the University of Ottawa University of Ottawa

Direct Link: <https://www.AcademicKeys.com/r?job=258914>

Downloaded On: Jul. 23, 2025 3:19pm

Posted Jul. 1, 2025, set to expire Oct. 30, 2025

The candidate should have a background in **at least two of the following topics**:

1. Electric vehicle modelling in smart grid (mobility modelling, demand response, etc.);
2. Power system analysis (optimal/stochastic power flow analysis, economic dispatch, etc.);
3. Resource allocation in 5G/6G communication (edge computing, digital twin modelling, network slicing, etc.);
4. Stochastic process (Markov chain, queueing theory, etc.);
5. Optimization techniques (convex, NLP, MINLP, etc.);
6. Emerging machine learning techniques and applications in power engineering or wireless networks.

### Application Submission Details:

Interested applicants should send **CV, transcript, sample publications, and TOFEL/IELTS test results** with the email subject line "Prospective PhD student – [Your Name]" to Dr. Nan Chen via email: [nchen@uottawa.ca](mailto:nchen@uottawa.ca). **Admitted students will be provided with full financial support, including tuition waive and monthly stipend.** Admission requirements to the PhD program at the University of Ottawa can be referred to <https://www.uottawa.ca/faculty-engineering/graduate-studies/programs/electrical-computer-engineering>

### Brief Bio of Dr. Nan Chen:

Nan Chen (M'20) received her Ph.D. degree in Electrical and Computer Engineering from the University of Waterloo, Canada in 2019. Currently, she is a tenure-track Assistant Professor at the School of Electrical Engineering and Computer Engineering starting in July, 2025. Before that, she worked as an Assistant Professor with Tennessee Tech University, USA between 2021 and 2025. Her current research interests include electric vehicle charging/discharging scheme design in smart grid, next-generation wireless networks, and machine learning application in vehicular cyber-physical systems.

### About the University of Ottawa and the City of Ottawa:

## PhD Positions at the University of Ottawa University of Ottawa

Direct Link: <https://www.AcademicKeys.com/r?job=258914>

Downloaded On: Jul. 23, 2025 3:19pm

Posted Jul. 1, 2025, set to expire Oct. 30, 2025

The University of Ottawa is among Top 10 universities in Canada and among Top 200 Universities globally (189<sup>th</sup> in QS World University Rankings 2025). It is the world's largest French-English bilingual university with strong programs in engineering, health, education, law and more. The university is located in the Capital city of Canada, Ottawa, which is consistently ranked as one of the best places to live in Canada. It offers the perfect balance of urban convenience and natural beauty—with scenic parks, rivers, bike paths, and year-round festivals.

### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact**      Nan Chen  
School of Electrical Engineering and Computer  
Science  
University of Ottawa  
Ottawa, ON  
Canada

**Contact E-mail**      [nchen@uottawa.ca](mailto:nchen@uottawa.ca)