



清华大学
Tsinghua University



UNIVERSITY OF
WATERLOO

热能工程/绿色能源与污染控制

Thermal Engineering/Green Energy & Pollution Control

The Green Energy and Pollution Control Research Laboratory (<https://uwaterloo.ca/green-energy-pollution-control-research-lab/>) at the University of Waterloo invites applications for PhD program in thermal engineering, waste to energy for sustainable cities, nanofiber for energy and environment, and other closely related areas of research. Two openings are available, commencing as soon as possible. It is anticipated that the graduate students will be in PhD program, but exceptional cases at masters level will be considered.

The project is part of a NSERC-CREATE program in Integrated Infrastructure for Sustainable Cities: <https://schulich.ucalgary.ca/integratedinfrastructure/> All students will be jointly supervised by at least two co-supervisors with complimentary expertise. Students in this program will receive special trainings beyond academic research. In addition, the students will performance research and development on the platform of Tsinghua University- University of Waterloo Joint Research Centre for Micro/Nano Energy and Environmental Technology (<https://uwaterloo.ca/jcmeet/>)

Successful applicants will be enrolled at the University of Waterloo under the primary supervision of Dr. Zhongchao TAN (<http://tan.uwaterloo.ca>), Professor and Executive Director, Tsinghua University- University of Waterloo Joint Research Centre for Micro/Nano Energy and Environmental Technology. Dr. Tan received his BSc/MSc degrees from Tsinghua University in the 1990s, and PhD degree from UIUC in 2004. He was a faculty member at the University of Calgary (2004-2010), and moved to the University of Waterloo in September 2010. He is serving as Chair of Energy Division, Canadian Society of Chemical Engineering and sitting on the Board of Directors of American Filtration and Separation Society.

The successful applicants must hold an undergraduate degree in thermal engineering, materials engineering, chemical engineering, environmental engineering or equivalent disciplines. Applicants must have excellent communication skills in English and a dedication to research independently. Successful applicants will receive full graduate scholarship plus teaching assistantship for qualified graduate students.

To apply, please follow the instructions at this website: <https://uwaterloo.ca/mechanical-mechatronics-engineering/future-graduate-students/> For more information, please send transcripts, CV and Statement of Research Plan to Dr. TAN, Zhongchao by email at tanz@uwaterloo.ca