



SERVICES OFFERED IN:

English, Mandarin, Polish, German



ADDRESS:

Fleming College 200 Albert Street S.
PO Box 8000, Lindsay ON K9V5E6



WEBSITE:

<http://www.cawt.ca>



POINT OF CONTACT:

Jenn Paul
Manager, Projects & Partnerships
(705) 324-9144 x. 3068
jenn.paul@flemingcollege.ca

Centre for Advancement of Water and Wastewater Technologies (CAWT) strives to become a leader in the

research, development, improvement, and commercialization of new water-related technologies and solutions. Working with industry partners from emerging concepts to real world applications, it is our goal to turn innovative ideas into market advantage for a cleaner world.

AREAS OF INNOVATION EXPERTISE

- Water treatment
- Wastewater treatment

Affiliated with Fleming College

TECHNICAL AND BUSINESS SERVICES

- Business Mentorship referrals
- Commercialization referrals
- Design Services
- Facilitation service (introduction)
- IP Protection facilitation
- Logistics
- Marketing Advisory Services referrals
- Performance Monitoring and Management
- Problem solving
- Product testing
- Project Management
- Proof of concept
- Regulatory guidance
- Sample analysis and testing
- Scientific and technological monitoring
- Scientific report writing
- Scientist/Engineer/Technologist Labour
- Technology development
- Technology evaluation / validation
- Testing Services
- Venture Capital referrals

APPLIED RESEARCH AND DEVELOPMENT

- Design of Experiment
- Laboratory/pilot scale prototyping
- Performance monitoring and analysis
- Pre-clinical development (chemistry & analytical biochemistry, metabolomics, pharmaceutical science, cell biology & microbiology)
- Process optimization
- Regulatory guidance
- Report preparation on R&D results

TRAINING

- Customized corporate on-site & in-house training

TECHNOLOGY DIFFUSION

- Evening speaker series
- Field site product demonstration
- Industry-specific events & symposia
- Participation at trade shows & other venues with or on behalf of partners
- Presentation of results at conferences
- Publishing in Peer Reviewed Literature
- Seminars and Workshops

INVENTORY OF SPECIALIZED EQUIPMENT

- 1800 UV Vis (double beam spectrophotometer)
- 20 ponds used for lagoon trials.
- Bactron IV-900 (Anaerobic Chamber)
- Bx-43f (microscope with digital camera)
- CAP 7400 DUO (Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES))
- Environmental chamber that simulates precise climate conditions.
- EVOQ Cube (Liquid Chromatography - Tandem Mass Spectrometry (LC-MS/ MS))
- FLASH 2000 Elemental Analyzer (Carbon, Nitrogen and Sulfur analyzer (CNS))
- FLUOstar Omega (Luminometer)
- ICS- 1600 & IC DX-120 (Ion chromatographs)
- Indoor greenhouse research facility for projects and mid-scale pilot studies.
- Level 2 Biological Containment Hood
- NSF Certified lab
- On-site college wastewater source that can be modified to suit project needs.
- PeCOD (automated COD analyzer)
- PF-8000 Respirometer
- Six modifiable research test cells that allow for treatment and testing of completely separate wastewater sources.
- SmartChem 200 Discrete Wet Chemistry Analyzer (Automated Colorimeter PC Titrate/PC BOD (BOD Autosampler/ Titrator))
- State-of-the-art analytical laboratory (ISO 17025 certification pending).
- TOC CPH-V (total organic carbon analyzer)
- Trace 1300 MS 110V with FID detector and SSL injector module (Gas Chromatography Mass Spectroscopy (GC/MS))
- Ultimate 3000 series (Ultra-High Performance Liquid Chromatography (HPLC))
- Wet chemistry/sample preparation area.



POINT OF CONTACT:

Jenn Paul
Manager, Projects & Partnerships
Phone: (705) 324-9144 x. 3068
Email: jenn.paul@flemingcollege.ca

<http://www.cawt.ca>