

**The University of Western Ontario
NSERC Research Tools and Instruments (RTI)
2021 Successful Applicants (Fall 2020 Intake)**

| Applicant Name | Department | Title | Awarded Amount |
|----------------------|-------------------------------------|---|----------------|
| Choy, Wing-Yiu | Biochemistry | Bio-Layer interferometry system for biomolecular interaction analysis | 150,000.00 |
| Corneil, Brian | Robarts Research Institute | Neurophysiological equipment for network-level analyses in sensorimotor neuroscience | 115,207.00 |
| Duerden, Emma | Education, Faculty of | Functional near infrared spectroscopy (fNIRS) and the developing brain | 79,071.00 |
| Goncharova, Lyudmila | Physics and Astronomy | Low Temperature Time-Resolved Photoluminescence System for Visible, Near- and Short-Wavelength Infrared | 149,851.00 |
| Hedberg, Yolanda | Chemistry | A Tribocorrosion Apparatus to Revolutionize Tribology and Corrosion Research in Canada | 150,000.00 |
| Sham, Tsun-Kong | Chemistry | Full-Spectrum X-ray Excited Optical Luminescence System with Angle-Resolved and in situ Capabilities | 88,832.00 |
| Shami, Abdallah | Electrical and Computer Engineering | Smart Virtual Infrastructure | 41,389.00 |