

Western Engineering

RESEARCH SUCCESSES

CFI – Leading Edge Fund

- Drs. H DeLasa, D. Karamanev, P. Charpentier, A. Ray, C. Briens, Cedric and F. Berruti – Green Energy and Environmentally Friendly Chemical Technologies (\$7,214,480)
- Drs. V. Parsa and H. Ladak -- National Centre for Audiology – II (\$667,154)
- Dr. J. Sabarinathan – From Nano Structures to Quantum Information Processing: A Technology Incubator for the 21st Century (\$360,000)

CFI – New Initiatives Fund

- Drs. G. Kopp, R. Gurka and E. Savory – AFAR: Advanced Facilities for Avian Research Infrastructure of Studies of Avian Physiology Neurobiology and Behavior (\$3,690,573)

CFI – Leaders Opportunity Fund

- Dr. J. Yang – Biotransport and Cellular Engineering Laboratory (\$201,334)
- Dr. A. Shami – Ubiquitous Network Laboratory (\$109,700)
- Dr. M. Ray – Advanced Oxidation Process Laboratory (\$211,536)
- Dr. J. Sabarinathan – Photonic crystal based micro- and nano-sensors facility (\$166,126)
- Dr. E. Gilles – Laboratory for Biomaterials Research (\$206,937)

CRC

- Dr. Jason Gerhard received Canada Research Chair in Geoenvironmental Restoration Engineering
- Dr. Elizabeth Gilles – Laboratory for Biomaterials Research



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ORF

- Professor Jin Jiang was a partner on three successful applications with approximately \$1 million for Western Engineering:
 - Ontario Fuel Cell Research and Innovation Network: Realizing the Full Benefits of Fuel Cell Power in Ontario
 - Thermo-mechanical Design of Nuclear Based Hydrogen Production
 - Managing Ontario's Energy Systems: Developing Risk and Probability Based Tools

NSERC

- Discovery Grants \$685,970 per year or \$3,320,850 for five years (96% success rate)
- RTI \$604,350 (16 people applied and 9 were successful)
- Dr. H. de Lasa received a Strategic Grant – Chemical Looping Combustion in Fluidized Beds

Early Research Awards

- Professor Cynthia Dunning
- Professor Andy Sun

Others

- ICF – Dr. Tim Newson (\$34,150)
- WIF – Drs. Bassi and Zhu (\$25,000)

