



STRENGTH IN NUMBERS

Ontario Partnership for Innovation and Commercialization (OPIC) – Strengths Assessment Inventory (SAI)

Establishing where a child's talents lie is the dream of parents and educators alike. With the help of OPIC, researchers at Lakehead University have developed a unique questionnaire that enables examiners to uncover children's strengths. The Strengths Assessment Inventory (SAI), comprised of 124 questions in 11 categories, is used to help struggling students do better in school and deal with emotional and behavioural issues related to experiences like being bullied. It can also help address addiction issues in adolescents. SAI is being used by youth service agencies, area public schools and some Ontario school boards with further deployment to schools across Ontario expected soon. An Early Childhood SAI and a Postsecondary SAI are now being piloted with various agencies.

ROI

- Created two jobs
- Helping Ontario students identify and excel in their strengths



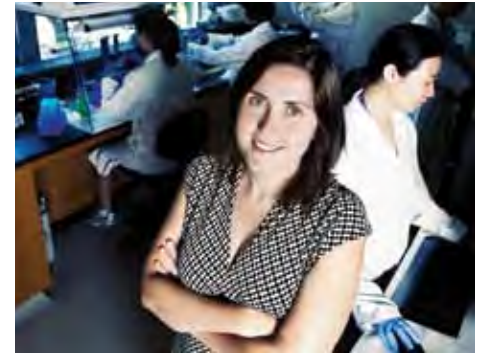
A BORN LEADER

Rideau Commercialization Network Partner – Ottawa Technology Transfer Network – Privacy Analytics

About 140,000 babies are born and screened for diseases and risk factors in Ontario each year. This data is stored in the Better Outcomes Registry and Network (BORN) and used by researchers to understand emerging trends in the health of children and mothers. To allow researchers to better and more securely access this data, the University of Ottawa and RCN Partner OTTN helped Privacy Analytics' CEO, Dr. Khaled El Emam provide the technology to facilitate the sharing of this data for secondary purposes (e.g., research and public health) in a manner that preserves the privacy of mothers and babies. BORN is one of the most comprehensive, secure and coveted mother-child registries in Canada. The Privacy Analysis Risk Assessment Tool (PARAT), when applied to BORN's research data, makes Ontario the national leader in population studies.

ROI

- Created 14 jobs
- Giving Ontario a research edge



DECELLULARIZED ADIPOSE TISSUE

Rideau Commercialization Network Partner PARTEQ Innovations

Soft tissue deformity caused by traumatic injuries, birth defects or surgery can seriously affect an individual's mental wellbeing and physical mobility. A new process developed by Dr. Lauren Flynn of Queen's University holds promise for reducing or even eliminating these problems. Her process of decellularizing human adipose tissue (i.e. fat) produces a "bioscaffold" that, when implanted in the body, stimulates the natural regrowth of healthy tissue. The technology provides a more stable and effective alternative to existing soft-tissue repair strategies, and has the potential to be used in a wide range of procedures, from tumour resections, burn repairs, and the correction of congenital defects to breast augmentation and facial rejuvenation. RCN partner PARTEQ Innovations is currently helping Dr. Flynn commercialize the technology.

ROI

- Will create 20 highly skilled jobs within three years
- Making Ontario a leader in the reconstructive and cosmetic surgery markets

Highlights 2011/12:

- In the TTN's first full year of operation, OCE invested a total of \$6.3 million in 107 university/research hospital Proof of Principle projects and 46 CONII projects.
- Three networking forums were held attracting 226 participants.
- CONII Program approved 46 projects for funding in the amount of \$730,288 (leveraged \$1,182,202 in company and other matching contributions).

Investments

- Institutional Proof of Principle (IPoP) Program approved 75 projects for funding in the amount of \$1,825,231 (leveraged with \$2,916,003 in company and other matching contributions).
- Competitive Proof of Principle (CPoP) Program received 24 applications and approved 13 projects for funding in the amount of \$1,024,231 (leveraged \$1,325,491 in company and other matching contributions).
- Medical Sciences Competitive Proof of Principle (MSC PoP) Program received 39 applications and approved 19 projects for funding in the amount of \$3,000,000 (leveraged \$3,122,300 in company and other matching contributions).