

INSPIRING CHANGE. MAKING AN IMPACT.

SICKKIDS INNOVATORS

MILESTONE REPORT

Together, SickKids Innovators have invested over \$1 million in the past five years. In the fight for children's health, you have, and continue to make a direct and personal impact on the lives of kids and families who need you. Thank you for your inspiring and game-changing support.

Innovators **VS** **SickKids** **Impossible**

WHAT YOU'VE HELPED ACCOMPLISH SO FAR

THE PAIN CENTRE: \$100,000 INVESTED

Up to 77 per cent of kids being treated at the Hospital have pain associated with their illness, injury or treatment. Through innovative pain management and prevention strategies, the Pain Centre at SickKids aims to minimize and eliminate pain for good.

Your Impact: SickKids Innovators seed grant funding supported three research projects, including the use of a humanoid robot to reduce pain and distress in cancer patients. The impact of these studies has informed SickKids and other centres on how to manage pain in less invasive ways, and enables SickKids to seek additional funding for larger-scale studies. These findings have been shared widely at pain conferences and through an Innovators-supported online pain curriculum which has over 5,000 users and is integrated with the University of Toronto nursing programs.

PAEDIATRIC ADVANCED CARE TEAM: \$190,000 INVESTED

The Paediatric Advanced Care Team (PACT) provides compassionate, high-quality care to patients and families coping with the physical and emotional realities of a serious, potentially life-limiting illness. Working with teams across the Hospital, PACT focuses on quality of life and comfort, how to navigate health-care information, and grief support.

Your Impact: Thanks to the SickKids Innovators, PACT was able to recruit and train two clinical fellows to manage and serve the over 50 per cent increase in referrals over the last few years. The fellowship position increases team capacity, ensures children and families have access to palliative care in the setting of their choice, and attracts the brightest minds to SickKids. The position proved so valuable that PACT will integrate this role into the team moving forward.

CENTRE FOR IMAGE-GUIDED INNOVATION & THERAPEUTIC INTERVENTION: \$260,000 INVESTED

Combining surgical robotics, medical imaging, and surgical simulation, the Centre for Image-Guided Innovation and Therapeutic Intervention (CIGITI) works to create minimally invasive, image-guided procedures which are less painful, faster, safer, and lead to better outcomes.

Your Impact: Your generosity helped support the development of an endoscopic robot used to perform surgery on the brain—a dynamic tool that expands surgeons' dexterity requiring a much smaller incision and a tiny opening of the skull. By partnering with a medical robotics corporation, we will launch clinical trials with the goal of having it become standard practice within three years.

MEDICAL PSYCHIATRY ALLIANCE: \$320,000 INVESTED

The Medical Psychiatry Alliance (MPA) is a collaborative partnership led by SickKids, The Centre for Addiction and Mental Health, Trillium Health Partners and the University of Toronto in conjunction with the Ministry of Health and Long-Term Care. MPA is dedicated to transforming the delivery of mental health services for patients who suffer from concurrent physical and psychiatric illness.

Your Impact: Your support for the MPA is helping SickKids identify innovative, holistic interventions that have potential for implementation on a large scale. One example is a project studying the effectiveness of an outpatient treatment program for adolescents 12-18 years who struggle with obesity and psychiatric disorders. The program has shown great potential in helping participants normalize their eating, make healthier choices and manage their mental health.